Source	Folder	Subfolder_1	Subfolder _2	Subfolder_3	Document name	General Document Description	Relevant (Y/N)	Description of Relevance	Doc. Date	Date Range	Page Count		
ADEQ1	Ansul, Tyco, Wormald				2007-03-22 CAO LIS 07-027 (signed by the 3 PRPs).pdf	Consent Administrative Order (CAO) between ADEQ and Ansul, Helena Chemical, and ExxonMobil Chemical	Y	Provides brief summary of site background (page 4); links 3 parties (Ansul, Inc. FKA Wormald US, Inc.; Helena Chemical Co.; and ExxonMobil Chemical Co., Div. of ExxonMobil Corp.) to site (page 1).	3/22/2007	9	16		
	Ansul, Tyco,				2008-02-13 Aerial view of Cedar with	Site map from Facility Investigation with structures,	Υ	Provides some contaminant distribution information as of the date of	6/28/1996		1		
ADEQ1	Wormald Ansul, Tyco, Wormald				colored in areas.pdf 2009-01-09 CAO LIS No. 07-027 (Wormald Seperate Agreement).pdf	wells, and hand-written notes Wormald U.S., Inc. NKA Ansul Incorporated, one of the parties to the 03/22/2007 CAO, executed a Separate Agreement with the ADEQ to prepare a Site	N	the map. No relevant information.	1/9/2009		5		
						Investigation Work Plan (SIWP), a Site Investigation Report, and a Feasibility Study, to fill in data gaps not covered in earlier investigations.							
	Ansul, Tyco, Wormald				2009-01-19 Letter to ADEQ - AECOM Comments to AMEC FS.pdf	AECOM review comments on Feasibility Study submitted by AMEC Geomatrix for Tyco Safety Products-Wormald US	N	No relevant information.	1/19/2010		2		
	Ansul, Tyco, Wormald				2009-01-22 Site Investigation Work Plan.pdf	Wormald Site Investigation Work Plan for site prepared by AECOM under Separate Agreement between Wormald (NKA Ansul) and ADEQ.	N	No relevant information.	1/22/2009		65		
ADEQ1	Ansul, Tyco, Wormald				2009-01-26 Memo to Cindy - comments on Wormals SI WP.doc	ADEQ internal memo that Wormald Site Investigation Work Plan dated January 22, 2009 had been reviewed; no comments included.	N	No relevant information.	1/26/2009		1		
	Ansul, Tyco, Wormald				2009-01-29 Letter to AECOM - Approval of SI WP .pdf	ADEQ letter to AECOM approving Site Investigation Work Plan.	N	No relevant information.	1/29/2009		2		
ADEQ1	Ansul, Tyco, Wormald				2009-02-15 HASP for SI WP.pdf	Health and Safety Plan for site prepared for Tyco Safety Products by AECOM	N	No relevant information.	2/15/2009		49		
ADEQ1	Ansul, Tyco, Wormald				2009-03-30 Letter report to ADEQ - SI Report.pdf	Submittal of Letter Report titled Wormald Site Investigation Report, to ADEQ by AECOM on behalf of Tyco Safety Products; project objective was to investigate high levels of dinoseb at Site 3 obtained in 1996	Y	The objective was to investigate the high levels of dinoseb, a constituent of concern, found in 1996 through additional soil sampling and analysis. Analytic results for soil samples collected from 4 to 8-foot depths showed all samples below EPA EPA Region 6 Medium-Specific Screening List (MSSL) standards (page 3).	3/30/2009	03/1-29/ 2009	88		
ADEQ1	Ansul, Tyco, Wormald				2009-04-09 Letter to AECOM - comments on SI Report.pdf	ADEQ comments to AECOM on Wormald Site Investigation Report	Y	ADEQ stated that report did not use the most recent Region 6 MSSL and that all dinoseb results exceeded the level for "protection of groundwater," the correct standard to use.	4/9/2009		2		
ADEQ1	Ansul, Tyco, Wormald				2009-04-16 Letter to ADEQ - Request for time extension to respond to 04-09-09 NOD letter.pdf	Letter from AECOM to ADEQ requesting an extension to respond to ADEQ's comment on the Wormald Site Investigation Report.	N	No relevant information.	4/16/2009		2		
ADEQ1	Ansul, Tyco, Wormald				2009-04-27 Letter to ADEQ - response to comments (includes revised SI Report).pdf	Response letter to ADEQ with revised Wormald Site Investigation Report by AECOM on behalf of Tyco Safety Products.	Y	Revised report acknowledged that dinoseb results exceeded EPA MCL, but contended all results were below EPA Region 6 MSSL for "industrial soil" and require no further delineation.	4/27/2009		116		
ADEQ1	Ansul, Tyco, Wormald				2009-05-04 Letter to AECOM - comments on SI Report.pdf	ADEQ comments to AECOM on Wormald Site Investigation Report, revised 04/27/2009 pointing out contradictions and errors.	Y	Since an out-dated standard was used, soil samples above and below the interval, previously held back, may need analysis.	5/4/2009		2		
ADEQ1	Ansul, Tyco, Wormald				2009-05-21 Letter to ADEQ - Response to ADEQ Comments.pdf	Response letter to ADEQ with Wormald Site Investigation Report "change out pages" from AECOM on behalf of Tyco Safety Products.	Y	AECOM on behalf of Tyco Safety Products, removed the statement that "no further delineation is required" for the soil samples held back; however, holding times had been exceeded.	5/21/2009		14		
ADEQ1	Ansul, Tyco, Wormald				2009-05-26 Letter to AECOM - approval of response to comments and request for surveyor map.pdf	ADEQ approval of revised pages for the Wormald Site Investigation Report submitted on 05/21/2009 by AECOM on behalf of Tyco Safety Products.	N	No relevant information.	5/26/2009		2		
	Ansul, Tyco, Wormald				2009-05-28 e-mail to ADEQ - change pages to Site Investigation Report.pdf	Email exchange between ADEQ and AECOM with report addendum - survey map - attached.	N	No relevant information.	5/28/2009		8		
	Ansul, Tyco, Wormald				2009-05-29 Memo to Annette - comments on change out pages for SI Report.doc	ADEQ internal memo discussing that revised survey map needed with AR registered surveyor stamp.	N	No relevant information.	5/29/2009		1		
	Ansul, Tyco, Wormald					Email exchange ADEQ and AECOM about revised survey map (attached) which still needs elevations.	N	No relevant information.	6/1/2009		2		
	Ansul, Tyco, Wormald				2009-06-02 Letter e-mailed to ADEQ - Revised map for SI Report.pdf	Submission of revised survey map as requested to ADEQ by AECOM on behalf of Tyco Safety Products.	N	No relevant information.	6/2/2009		3		
ADEQ1	Ansul, Tyco, Wormald				2009-06-04 Letter to AECOM - Approval of Revised SI Report and request for Feasiblity Study.pdf	ADEQ's letter to AECOM on approving the Revised Wormald Site Investigation Report, dated 06/02/2009 with attached routing slip	N	No relevant information.	6/4/2009		2		
ADEQ1	Ansul, Tyco, Wormald				reasinity study.pdi 2009-06-29 Site 3 Focused Feasibility Study Report.pdf (dinoseb in soil)	with attacked foulting slip Focused Feasibility Study Report Site 3, prepared by AECOM on behalf of Tyco Safety Products with emphasis on remediation of dinoseb-impacted sub- surface soils at Site 3.	Y	Section 2-2 (page 22) lists six production units and describes and locates Site 3; Section 3.0. describes soil types to ~150 ft. bgs (page 25); discussion of hydrology, surface water (pages 26-28); table with biodegradation parameters for dinoseb pathways (page 29). Report also includes Conceptual Site Model to describe movement and remediation by microbial degradation (page 31). Concludes that natural attenuation caused major reduction in dinoseb concentration (page 33). Figure 3-1 has historic soil sampling locations (page 74).	6/29/2009	1996-2009	196		
ADEQ1	Ansul, Tyco, Wormald				2009-07-13 Cindy's comments on FS.doc (soil info)	ADEQ internal memo commenting on Feasibility Study submitted by AECOM December 2007	Y	Comments include reference to monitoring wells near Site 3 with dinoseb concentrations in perched aquifer which could impact Site 3. Author contends insufficient sampling data to conclude no contamination is present.	7/13/2009		2		
ADEQ1	Ansul, Tyco, Wormald				2009-07-13 Memo on Focused Feasibility Study Report for Site 3 (compiled comments)ac.doc	ADEQ internal memo commenting only on remedies in the Feasibility Study submitted by AECOM 6/29/2009.	N	No relevant information.	7/15/2009		2		

	Ansul, Tyco, Wormald		2009-07-13 Memo on Focused Feasibility Study Report for Site 3 (compiled comments)cm.doc	ADEQ internal memo commenting only on remedies in the Feasibility Study submitted by AECOM 6/295/2009 (abbreviated version of previous).	N	No relevant information.	7/15/2009		2		
ADEQ1	Ansul, Tyco, Wormald		2009-07-13 Memo on Focused Feasibility Study Report for Site 3 (rev 01).doc	ADEQ internal memo commenting only on remedies in the Feasibility Study submitted by AECOM 6/29/2009 (different abbreviated version of previous).	N	No relevant information.	7/15/2009		1		
ADEQ1	Ansul, Tyco, Wormald		2009-07-13 My comments on Feasibility Study Report.doc	ADEQ internal memo commenting only on remedies in the Feasibility Study submitted by AECOM 6/29/2009 (different abbreviated version of previous).	N	No relevant information.	7/14/2009		1		
ADEQ1	Ansul, Tyco,			ADEQ internal memo commenting only on remedies in	N	No relevant information.	7/14/2009		1		
ADEQ1	Wormald Ansul, Tyco,		Report comments1.doc Working Files.lnk	the Feasibility Study submitted by AECOM. Broken shortcut	N	No relevant information.	NA		NA		
	Wormald Ansul, Tyco,	2008-08-25	1988-07-00 Hydrogeologic Study.pdf	Hydrogeologic Study of site done for Cedar Chemical		Has subsurface physical parameters as of 1988 such as depth to perched	7/19/1988				
	Wormald	Ann Faitz request for documents	(soils & hydro info	Corp. by engineering firm	Y	aquifer (pages 12-13), groundwater flow direction (page 13); also site map (page 16).	32. 3		38		
ADEQ1	Ansul, Tyco, Wormald	2008-08-25 Ann Faitz request for documents	1991-12-12 memo on December 12, 1991.pdf	Internal memo (agency not identified, presumably ABEQ) of a site visit to inspect SWMUs listed in the "facility investigation preliminary report" submitted Oct. 1991.	Y	Includes description and operation of various components of the WWTP on site. Also visited was the SW pond and ditches (coated with oil). Also noted was yellow soil staining presumed to be dinoseb salts and odor at closed impoundments. Spills observed near processing units, not described. References made to future soil sampling.	***************************************		3		
ADEQ1	Ansul, Tyco, Wormald	2008-08-25 Ann Faitz request for documents	Separate Agreement for Cedar Chemical.pdf	Separate Agreement between Wormald (NKA Ansul) and ADEQ to supplement COA dated 03/22/2007.	N	No relevant information.	3/25/2008		5		
ADEQ1	AMEC Documents		2006-03-21 To EPA Region 6 from Booz Allen Hamilton - Cedar Trip Report.pdf (processes listed p.3)	Trip Report groundwater, soil, and sediment sampling by Booz Allen Hamilton for EPA under RCRA REPA3 contract.	Υ	P. 5 summarized site operations including process areas. Pp. 5-7 summarize groundwater, soil, and sediment. Pp. 8-9 list proposed sampling locations. 2006-33-1 Cedar Trip Report.pdf and 2006-03-31 Cedar Trip Report.doc are duplicates. Date in title (document name column) is incorrect. Correct date is 3/31/2006, from cover and header.	3/31/2006		18		
ADEQ1	AMEC Documents		2007-01-07 Clarks notes on gw sampling from site visit.doc	Groundwater sampling event summary. Participants: Geomatrix, Site Environmental & Acquisition Services, ADEQ.	N	No relevant information. Date in title (document name column) is incorrect. Actual document date is 1/7/2008 from page 1 of report.	1/7/2008		2		
ADEQ1	AMEC Documents		2007-03-22 CAO LIS 07-027 (signed by the 3 PRPs).pdf	Consent Administrative Order between Adeq and Ansul, Helena Chemical, ExxonMobil Chemical.	Υ	P. 1 links 3 parties (Ansul Inc. FKA Wormald US; Helena Chemical Co.; and ExxonMobil Chemical Co., Div. of ExxonMobil Corp.) to site.	3/22/2007		16		
ADEQ1			2007-10-22 Letter to ADEQ - request for time extention for CCR.pdf	Request by ExxonMobil Chemical Co. and Helena Chemical Co. for time extension to submit Current Conditions Report.	N	No relevant information.	**********		2		
ADEQ1	AMEC Documents		2007-11-09 3rd Monthly Status Report.pdf	Third Monthly Status Report from Geomatrix (PRP contractor) to ADEQ.	Υ	P. 1 cites ongoing monitoring well assessment and Current Conditions Report. P. 2 cotes PRP agreement to conduct SI and feasibility study as necessary. P. 3 cites escrow account agreement and deposit made by ExxonMobil and Helena Chemical.	11/9/2007	10/01/200 7- 10/31/200 7	5		
ADEQ1	AMEC Documents		2007-11-16 Current Conditions Report (1 of 4).pdf (site physical setting, process list, data 1993-2001)	Current Conditions Report, part 1 of 4	Υ	Pp. 25-37 cite prior, historical sampling events, which document onsite and offsite contamination of VOCs, SVOCs, metals, and pesticides in soils, sediments, and groundwater. Contaminants include arsenic, total chromium, 1,2-DCA, dinoseb, methylene chloride, dieldrin.	***************************************		194		
ADEQ1	AMEC Documents		2007-11-16 Current Conditions Report (2 of 4) (Figures 2 - 14) .pdf	Current Conditions Report, part 2 of 4, figures	Υ	Maps and cross sections showing monitoring well locations and groundwater concentrations. Pp. 4-12 compare analytical results to MSSLs.	***********		12		
ADEQ1	AMEC Documents		2007-11-16 Current Conditions Report (3 of 4) (Figures 16 - 19) .pdf	Current Conditions Report, part 3 of 4, figures	Υ	Maps showing soil contamination including concentrations exceeding MSSLs.	***************************************		4		
ADEQ1	AMEC		2007-11-16 Current Conditions Report	Current Conditions Report, part 4 of 4, figures	Υ	Maps showing soil contamination including concentrations exceeding	**********		4		
ADEQ1	Documents AMEC		(4 of 4) (Figures 20 - 24) .pdf 2007-12-10 4th Monthly Status	Fourth Monthly Status Report from Geomatrix (PRP	Y	MSSLs. P. 2 cites upcoming groundwater sampling event and Feasibility Study.	***********	11/01/200	5		
	Documents		Report.pdf	contractor) to ADEQ.		P. 3 cites escrow account fully funded by PRPs and available to ADEQ and agreement between PRPs and ADEQ to conduct SI and feasibility study as necessary.		7- 11/30/200 7			
ADEQ1	Documents		2007-12-15 Sampling and Analysis Plan Summary.pdf	Sampling and Analysis Plan Summary prepared by Geomatrix Consultants, for ExxonMobil Corp. and Helena Chemical Company.	Y	Describes proposed groundwater sampling based on identified areas of contamination. P. 14 includes map of monitoring well locations			14		
ADEQ1	Documents		2007-12-19 Letter to Geomatrix - comments on Current Conditions Report.pdf	Letter from ADEQ to Geomatrix with comments to Current Conditions Report, citing lack of current site conditions information.	N	No relevant information.	***********		3		
ADEQ1	Documents		2008-01-02 Cindy's memo regarding SAP Summary.doc	Internal AEEQ memo regarding review of Sampling and Analysis Plan Summary, citing proposed insufficient well purging prior to sample collection.	N	No relevant information.	1/2/2008		1		
ADEQ1	Documents		2008-01-07 Analytical Table - January 2008 Groundwater Data.pdf	Analytical Results of January 2008 Groundwater Sampling table	Y	Documents groundwater samples with contaminants which exceed Primary and Secondary Drinking Water Standards, and exceed Tap Water MSSL.	1/7/2008		9		
ADEQ1	AMEC Documents		2008-01-07 WELL_LOCATIONS~3075498.xls	Groundwater and sediment sampling locations listed in a table.	N	No relevant information.	1/7/2008		1		

April	ADEQ1 AN	MEC comments	2008-01-18 Facility Investigation Workplan (FLWP).pdf	Facility Investigation Workplan, submitted to ADEQ by Geomatrix, contractor for ExxonMobil Chemical Co.	Υ	Pp. 11-20 include planned sampling, analytical methods and quality control.	1/18/2008	935	
Control Cont			7,7	and Helena Chemical Co.					
Manufacture in the section of the	Do	ocuments		deeming Quapaw Products eligible to participate in Arkansas Brownfields Program and acquire Cedar Chemical property.	N	incorrect. Correct date is 7/18/2008 from page 1 of document.		3	
Property Comment Property Comment Property Comment C					Y	characterize the contamination at the site (specific contaminants and	2/4/2008	17	
Company Comp					N	No relevant information.	2/11/2008	5	
Mode			2008-02-12 Tammies Meeting Notes.pdf		Υ		2/12/2008	13	
Comments Comments Comments (and conference of Personal Comments					Υ		2/22/2008	1	
Confidence Confidence species of the Weight Confidence Confide			to ADEQ Comment Letter dated February		Y		2/22/2008	5	
AGC AMEC Documents Docu	ACCES 100 200 2011 2 2 2 2 2 2	59656			Υ	p. 1 discussion of onsite contamination.	2/26/2008	2	
December Report giff			approval of request to extend 90 day	ADEQ approval to request to exceed 90 day storage	N	No relevant information.	2/29/2008	2	
AGEC AMEC Documents 2006-01-20					N	No relevant information.	3/17/2008	5	
Documents 2008-97 North Flam (3 of 3) GAPP Perpared by Germatris for PRPs. Y P. 38-24 discuss ample collection methods; pp. 39-36 discuss Q. 2	ADEQ1 AN	MEC		Facility Investigation Workplan prepared by Geomatrix	Y	analyzed. Pp. 25-33 are maps and cross sections of well locations and	3/20/2008	33	
ARCE_ Concentrate ARCE_				H&S Plan prepared by Geomatrix for PRPs.	Υ	Pp. 13-14 Table lists contaminants and concentrations.	3/20/2008	235	
ADECI AMEC Occuments conditions at Ectate From ADECI to None: re-special and groundwater information. ADECI AMEC Occuments conditions at Ectate From ADECI to None: re-special and Ectate From ADECI to None: re-special properties and properties of the Page of			2008-03-20 FI Work Plan (3 of 3) QAPP	QAPP prepared by Geomatrix for PRPs.	Υ	Pp. 18-24 discuss sample collection methods; pp. 30-36 discuss QC.	3/20/2008	854	
ADECI AMEC Occuments Personal Separate Agreement between Normald (NRA Ansul), Personal Separate Agreement Separate Agreement between Normald (NRA Ansul), Personal Accordance of Separate Agreement Separate Sepa	ADEQ1 AN	MEC		the restriction of the transfer of the restriction	N	No relevant information.	3/20/2008	2	
Documents Approval of FIMP pdf ADG03 MEC ADG04 ADG05 AMEC Documents ADG05 AMEC Documents ADG06 AMEC Documents ADG07 AMEC Documents ADG07 AMEC Documents ADG07 AMEC Documents ADG0	ADEQ1 AN	MEC	2008-03-25 CAO LIS 07-027 (Exxon,	Separate Agreement between Wormald (NKA Ansul), f Helena Chemical, and ExxonMobil Chemical, and ADEQ to supplement COA dated 03/22/2007 to conduct SI	N	No relevant information.	3/25/2008	5	
ADECI AMEC 2008-05-16 9th Northly Satus Report pff Contractor to A DECI AMEC 2008-05-27 Supplement to FI WP pdf Fl Workplan Supplement monitoring well completion Map of Post Cides In soil and GWI), pdf Fl Workplan Supplement monitoring well completion N No relevant information. 5,727,7008 3 3				ADEQ approval of final Facility Investigation Workplan	N	No relevant information.	3/25/2008	2	
ADEQI AMEC Documents 2008-05-27 Supplement to FIVP (Figure 1 - Pesticides in Soil and groundwater and proposed Documents 1			2008-05-16 9th Monthly Status		N	No relevant information.	5/16/2008	4	
Documents Figure 1 - Pesticides in Soil and GW), pdf and proposed monitoring well locations. Levels for contaminants of concern.				FI Workplan Supplement monitoring well completion	N	No relevant information.	5/27/2008	3	
Documents Figure 2-VOCs in Soil and GW).pdf Mark C 2008-05-27 Supplement to FI WP Documents Figure 3-SVOCs in Soil and GW).pdf Map of SVOCs is soil and groundwater and proposed Y Shows analytical results and includes Soil and Groundwater Screening 5/27/2008 1				Map of pesticides/herbicides in soil and groundwater	Υ		5/27/2008	1	
ADEQ1 AMEC 2008-05-27 Supplement to FI WP Documents Figure 3 - SVOCs in Soil and groundwater and proposed Y Shows analytical results and includes Soil and Groundwater Screening 5/27/2008 1					Υ		5/27/2008	1	
ADEQI AMEC Documents 2008-05-27 — Supplement to FI WP Figure 4 Well Construction Detail).pdf 2008-05-30 Figure - proposed alluvial off- proposed off site monitoring well proposed schematic diagram. N No relevant information. 5/27/2008 1	ADEQ1 AN	MEC	2008-05-27 Supplement to FI WP	Map of SVOCs in soil and groundwater and proposed	Υ	Shows analytical results and Includes Soil and Groundwater Screening	5/27/2008	1	
ADEQI AMEC Documents 2008-05-30 Figure - proposed alluvial off- of size monitoring well locations and depth of screened intervals. 7	ADEQ1 AN	MEC	2008-05-27 Supplement to FI WP		N		5/27/2008	1	
ADEQ1 AMEC Documents 2008-06-02 Letter to Geomatrix - Conditional Approval of FI WP Supplement.ydf Location figures need correction and need to include offsite well location figures need correction and need to include offsite well location figures need correction and need to include offsite well location figures need correction and need to include offsite well locations. No relevant information. 6/2/2008 2	ADEQ1 AN	MEC	2008-05-30 Figure - proposed alluvial off-		Υ	May help establish area of contamination.	5/30/2008	1	
ADEQI AMEC Documents	ADEQ1 AN	MEC	2008-06-02 Letter to Geomatrix - Conditional Approval of FI WP	ADEQ conditional approval of FI Supplement. Well location figures need correction and need to include	N	No relevant information.	6/2/2008	2	
ADEQ.1 AMEC 2008-08-28 FI WP Supplement No. 2 - Installation of additional alluvial aquifer wells, pdf 2008-08-28 FI WP Supplement No. 3 - FI identified leaking and crushed drums in drum vault proposal for drum vault, pdf 2008-08-28 FI WP Supplement No. 3 - FI identified leaking and crushed drums in drum vault and soil concentrations exceeding screening levels of exceeding soil screening levels, and documentation there are the contention of screening levels, and documentation there are the contention of screening levels, and documentation there are the contention of screening levels, and documentation there are the contention of screening levels, and documentation there are the contention of screening levels, and documentation there are the contention of screening levels, and documentation there are the contention of the content and soil concentrations exceeding screening levels, and documentation there are the contention of the content and soil concentration screening levels.			2008-06-10 Letter to ADEQ - Response to ADEQ comments on Supplement to FI	Submittal of FI Supplement well figures per ADEQ	N	No relevant information.	6/10/2008	1	
wells.pdf contamination. approval to install additional monitoring wells to better delineate extent of offsite groundwater contaminants on the contaminant of the con			2008-08-28 FI WP Supplement No. 2 -		Υ		8/28/2008	2	
ADEQ1 AMEC 2008-08-28 FI WP Supplement No. 3 - FI identified leaking and crushed drums in drum vault 2 Pp. 1-2 FI investigation detected contaminants of concern at levels 2 exceeding soil screening levels, and documentation that contaminants 2 exceeding soil screening levels, and documentation that contaminants 2 exceeding soil screening levels, and documentation that contaminants 2 exceeding soil screening levels, and documentation that contaminants 2 exceeding soil screening levels, and documentation that contaminants 2 exceeding soil screening levels, and documentation that contaminants 2 exceeding soil screening levels 3 exceeding soil screening levels 4 exceeding screening levels 4 e	100	ocuments				approval to install additional monitoring wells to better delineate extent			
contaminants or concern in the immediate area. Proposal to remove contents, clean, and backfill drum vault, and demolish warehouse building.				and soil concentrations exceeding screening levels of contaminants of concern in the immediate area. Proposal to remove contents, clean, and backfill drum	Y	Pp. 1-2 FI Investigation detected contaminants of concern at levels	8/28/2008	2	
ADEQ 1 AMEC 2008-09-05 Letter to AMEC - Approval of Documents 2008-09-05 Letter to AMEC - Approval of installation of additional monitoring N No relevant information. 9/5/2008 2 Documents V No relevant information.					N	No relevant information.	9/5/2008	2	
ADEQ1 AMEC 2008-09-05 Letter to AMEC - Approval of Documents 2008-09-05 Letter to AMEC - Approval for extension of FI report due date. N No relevant information. 9/5/2008 2 time extention to submit FI Report.pdf	ADEQ1 AN	MEC	2008-09-05 Letter to AMEC - Approval of	ADEQ approval for extension of FI report due date.	N	No relevant information.	9/5/2008	2	

ADEQ1	MEC	2008-09-08 meeting sign-in sheet.pdf	Quarterly Update Meeting sign-in sheet.	N	No relevant information.	9/8/2008		1	 $\overline{}$
	Documents	2008-05-08 Theeting sign-in sheet.put	quarterly opuate weeting sign-in sheet.	14	No relevant information.	3/8/2008		1	
ADEQ1	AMEC Documents	2008-09-12 Letter to AMEC - NOD of Facility Investigation Workplan Supplement 3 (drum vault).pdf	ADEQ does not approve the PRP FI Workplan Supplement 3, Interim Measure of Removal from Drum Vault. ADEQ cites inadequate characterization of intact drum contents, lack of confirmation sampling, and lack of concurrence with standard practices and regulations. ADEQ requests an acceptable plan for removal of drum vault contents.	Υ	Pp. 1-2 demonstrates inadequate proposed procedures for FI on part of PRPs.	9/12/2008		2	
ADEQ1	AMEC Documents	2008-10-01 Letter to ADEQ - request for approval of well location (1 of 2).pdf	Letter from AMAC to ADEQ requesting approval of alternate location for installation of offsite monitoring	Υ	P. 1 change in location of monitoring well as approved in FI workplan. P. 1 extent of contamination will be based on well location(s) changed	10/1/2008		2	
	Documents	2008-10-01 Letter to ADEQ - request for approval of well location (2 of 2) [well location map].pdf	Weil. Map of proposed additional monitoring well locations in alluvial aquifer.	Υ	from approved FI workplan. Sample locations and analytical results posted on map.	10/1/2008		1	
ADEQ1	AMEC Documents	2008-10-13 Draft Interim Facility Investigation Report.pdf	Draft Interim FI Report, submitted to ADEQ from Geomatrix (PRP contractor).	Υ	Pp. 9-17 maps documenting analytical results and contaminants with levels exceeding soil and groundwater screening levels. Pp. 25-27, 29, 32-43, 45-48, 51-53, 56-58, 62-64, and 68-70 tables documenting analytical results and contaminants with levels exceeding soil and groundwater screening levels.	***************************************		73	
ADEQ1	AMEC Documents	2009-01-15 Monthly Status Report.pdf	Seventeenth Monthly Status Report from Geomatrix (PRP contractor) to ADEQ.	N	No relevant information.	1/15/2009	12/1/2008- 12/31/200 8	2	
ADEQ1	AMEC Documents	2009-02-05 Letter to ADEQ - notification of SI Report Extension.pdf	Geomatrix follow-up to ADEQ confirming revised submittal date for SI report.	N	No relevant information.	2/5/2009		1	
ADEQ1		2009-02-24 AMEC Facility Investigation Report.pdf	FI Report; documents contamination of soil and groundwater with VOCs, SVOCs, pesticides, herbicides, and arsenic. The drum vault had drums in poor condition and crushed, and some containing unknown material. The vault was resealed and left. Soil and water samples collected in vault documented contaminants of concern.	Υ	Pp. 25-30, 53-71, 82-85, 87-89, 91-94, 96-108, and 110-125 groundwater and soil contamination above screening and/or regulatory levels documented for 1,2-DCA, 1.2-DCB, dinoseb, 4-chloraniline, toluene, and acetone.	2/24/2009		351	
ADEQ1	AMEC Documents	2009-04-21 Meeting minutes.doc	Minutes from meeting with ADEQ and Exxon, Helena Chemical, and Ensafe to discuss ADEQ comments to FI Report.	Υ	P. 1 minutes include statement about purchase of site not going through. Pp. 1-2 include disagreements about scope of evacuation.	4/21/2009		2	
ADEQ1	AMEC Documents	2009-04-21 sign in sheet.pdf	Sign-in sheet for 4/21/2009 meeting	Υ	List verifies attendees of meeting cited in above entry (2009-04-21 Meeting minutes.doc).	4/21/2009		1	
ADEQ1	AMEC Documents	2009-04-22 Letter to AMEC - comments on FI Report.pdf	ADEQ review of FI Report cites deficiencies and/or concerns, including improper location of wells on map, not including all potential sources of contamination, and inconsistencies between report narrative and table analytical results. ADEQ requests response to each litem.	Υ	P. 1 documents that FI Report as submitted to State, is not final, and will be amended/changed.	4/22/2009		2	
ADEQ1	AMEC Documents	2009-05-29 Letter to ADEQ - Replacement pages for FI Report.pdf	Amec response to ADEQ comments to FI Report. The FI Report was revised to address ADEQ's comments, and amended and new pages are attached for ADEQ's approval.	Υ	Pp. 1-2 show data on perched aquifer. P. 21 shows corrected text. P. 24 shows revised well locations.	5/29/2009		24	
ADEQ1	AMEC Documents	2009-06-04 Letter to AMEC - approval of FI Report and request for change pages.pdf	ADEQ review and approval of Amec's revisions to FI Report.	Υ	P. 1 documents that revised FI Report data supersedes original FI Report data.	6/4/2009		3	
	Documents	2009-06-16 Letter to ADEQ - submittal of change pages for FI Report.pdf	Amec final response to comments and submittal of revised FI Report pages.	Υ	Pp. 4-26 Revised pages were intended to replace original pages; a full revised report, with a new date, and new cover page, was not generated. Documents that the FI Report was amended after it was submitted.	6/16/2009		27	
ADEQ1	AMEC Documents	2009-07-01 1st Quarterly Status Report.pdf	Quarterly Status Report One	N	No relevant information.	7/1/2009	4/01/2009- 6/30/2009	2	
	Documents	2009-08-11 Feasibility Study Report.pdf	FS Report, submitted to ExxonMobil and Helena Chemical, by AMEC Geomatrix.	Υ	Pp. 9-10 document areas of contamination in soil and groundwater. Pp. 42-44 figures indicate samples collected that exceed screening levels. Pp. 15-29 outline remedies. P. 30 outlines RD.	8/11/2009		155	
	Documents	2009-08-26 Memo to Cindy - comments on FS Report.doc	ADEQ internal memo, review of FS Report, found inadequate in proposed drum characterization, drum vault cleaning, and confirmation sampling,	Υ	Documents changes will be made to site characterization outlined in FS Report.	8/26/2009		1	
	Documents	2009-09-10 Meeting Minutes.doc	Minutes of conference call between ADEQ and PRPs to discuss comments to the FS Report.	Υ	Cites inadequacies in FS, which will require changes.	9/10/2009		1	
	Documents	headquarters.pdf	Meeting between ADEQ and PRPs re ADEQ comments to FS.	Υ	Includes sign in sheet of attendees, detailed write-up of ADEQ comments to FS, and handwritten notes. Pp. 2-3 document inadequacies in FS.	9/30/2009		3	
ADEQ1	AMEC Documents	2009-10-07 2nd Quarterly Status Report.pdf	Quarterly Status Report Two	N	No relevant information.	10/7/2009	7/1/2009- 9/30/2009	2	
ADEQ1		2009-10-14 Letter to ADEQ - Draft FS Response to Comments.pdf	Amec Geomatrix Response to ADEQ Comments to FS Report. Dismisses some ADEQ comments as not feasible or outside scope.	Υ	All 8 pages relevant. Precedes ADEQ's response to Amec Geomatrix below (2009-10-28 Letter to AMEC - Response to Feasibility Study .pdf), detailing specifics of Amec's proposed actions, which ADEQ stated to be in conflict with EPA and State guidance and policy.	**********		8	

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ADEQ1 AMEC Documents	2009-10-28 Letter to AMEC - Response to Feasibility Study .pdf	Certified mail letter from ADEQ to Amec Geomatrix, re Amec's response to ADEQ comments to FS. Specific ADEQ concerns in areas of institutional controls and remedial technology for groundwater contamination, establishing soil clean up levels, inclusion of arsenic in contaminants of concern, recommendations in conflict with EPA and State guidance and policy.	Y	Pp. 1-2 cite contaminants of concern and concentrations, and establish additional criteria for FS.	####################################		4	
ADEQ1 AMEC Documents	2009-12-15 AMEC Feasibility Study.pdf	Revised FS Report, submitted to ExxonMobil and Helena Chemical, by AMEC Geomatrix. Revised to address ADEQ comments in letters dated 9/10/2009 and 10/28/2009.	Y	Pp. 9-11 document areas of contamination in soil and groundwater. Pp. 75-78 figures indicate samples collected that exceed screening levels. Pp. 15-68 outline remedy and cost alternatives.	***************************************		217	
ADEQ1 AMEC Documents	2010-01-25 3rd Quarterly Status Report.pdf	Quarterly Status Report Three	N	No relevant information.	1/25/2010	10/1/2009 12/31/200 9	2	
ADEQ1 ADEQ and EPA Documents		Proposed draft CAO from ADPC&E to counsel for Cedar Chemical Corp. Agreement to remove buried drums and conduct closure of burial area, and develop and implement Fl workplan. Unsigned.	Y	Pp. 2-6 outline site work to be done and format for reporting.	6/6/1991		11	
ADEQ1 ADEQ and EPA Documents	1991-07-11 CAO LIS#91-118.pdf	CAO between ADPC&E and Cedar Chemical Corp. Agreement to remove buried drums and conduct closure of burial area, and develop and implement FI workplan. Signed.	Y	Pp. 1-6 outline site work to be done and format for reporting.	7/11/1991		12	
ADEQ1 ADEQ and EPA Documents	1993-06-01 communication.pdf	Conditional approval of RFI workplan from ADPC&E to Cedar Chemical Co. Conditions include: lab QA plan, investigate additional area of buried drums identified through State documents, requirement for AR	Υ	Pp. 3-8 lists conditions to be met, including groundwater sampling, quality assessment plan, and monitoring well installation, plugging and abandonment procedures.	6/1/1993		298	
ADEQ1 ADEQ and EPA Documents	2003-04-02 CSM Report by EPA.pdf	Conceptual Site Model, submitted from EPA to ADEQ. Consolidates information about status of facility with respect to exposures to human health and migration of contaminated groundwater.	Y	Profiles, by media, pp. 17-72.	4/2/2003		89	
ADEQ1 ADEQ and EPA Documents	2003-04-02 figure extracted from CSM Report - (figure of boundaries of Site 3).pdf	Site map showing "sites 1-9."	Υ	Map shows site features and layout. May help delineate extent of contamination.	4/2/2003		1	
ADEQ1 ADEQ and EPA Documents	2003-06-24 Appraisal of Equipment.pdf	Appraisal of machinery and equipment at site. Done by appraisal contractor for ADEQ.	Y	P. 1 summarizes total values for replacement, fair market, and liquidation. Pp. 7-50 itemizes all site equipment, including waste storage and treatment items, and their locations. Provides insight into site operations and materials handled.	6/24/2003		70	
ADEQ1 ADEQ and EPA Documents	2003-11-15 EPA Removal Action Report.pdf	EPA Removal Action Report, prepared by Weston for EPA. Removal Action consisted of inventorying containerized chemicals onsite, conducting screening, and preparing materials for offsite disposal. Appendices, containing laboratory results of materials removed, are not attached.	Υ	Pp. 12-13 summarizes removal of calcium chloride and other products. Pp. 14-22 lists manifests and some specifics on removed substances.	***************************************		23	
ADEQ1 ADEQ and EPA Documents	2003_10_21 - Cedar Chem EPA athorization to ADEQ to utilize NPDES permit.pdf	EPA approval of ADEQ's request to discharge effluent from site's wastewater treatment system through Outfall 002 to the Mississippi River. Gives approval for discharge on an as needed basis, with adherence to Cedar Chemical's NDPES permit.	N	No relevant information.	***************************************		2	
ADEQ1 ADEQ and EPA	2004-04 ADEQ Comprehensive Site	Comprehensive Site Assessment prepared under	Υ	Pp. 4 and 8 conclude that site is suitable for industrial use only, and	4/00/2004		42	
Documents	Assessment.pdf	Brownfield Program, for ADEQ.		would result in continued stormwater and groundwater contamination until remediated. Pp. 38-41 list contaminants of potential concern in soil and sediment, cancer risk and reasonable maximum exposure. Document date is month and year only.				
ADEQ1 ADEQ and EPA Documents	2006- ATSDR Health Consultation.pdf	Follow-up report on Farm Workers exposed to 1,2-DCA contaminated groundwater adjacent to site.	Y	P. 6 reports farm workers exposed to contaminated groundwater from site via offsite irrigation wells. Demonstrates offsite migration of 1,2-DCA in groundwater. P. 9 concludes that 1.2-DCA levels are below health comparison values and pose no apparent public health hazard.	6/16/2006		16	
ADEQ1 ADEQ and EPA Documents	2006-01-17 Plan of Action for Removal.doc	Sequential order for remediation: dismantling, site asset auction, site demolition and debris removal, remedial action, O&M.	Y	P. 2 summarizes remedial action and O&M.	1/17/2006		2	
ADEQ1 ADEQ and EPA Documents	2007 Draft Project Manual re Drum Vault.pdf	Draft Solicitation, ADEQ, for Bidders for Dismantling and Demolition of Parts and Equipment Storage Building (Drum Vault), annotated with comments.	N	No relevant information. Date in title (document name column), 2007, is a draft projected date from the cover of the document. Actual document date 4/1/2006 is from document footer.	4/1/2006		100	
ADEQ1 ADEQ and EPA Documents	3 PRPs),pdf	CAO between ADEQ and Ansel, Helena Chemical, and ExxonMobil Chemical to maintain interim measures (site security, maintenance, stormwater controll), plan and implement SI and FS, and establish plan for preservation and custody of documents in possession of ADEQ. Signed.	Y	Pp. 4-5 give site history.	3/22/2007		16	
ADEQ1 ADEQ and EPA Documents	2008-03-28 News Release.doc	News release from ADEQ to press/news reporting outlets that ADEQ and Ansel, Helena Chemical and ExxonMobil Chemical have entered into agreement for interim measures, and that ADEQ has asked for voluntary dismissal of lawsuit.	Y	Pp. 1-2 give concise ownership history. Date in title (document name column) is incorrect. Correct date of document is 3/28/2007.	3/28/2007		2	

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	ADEQ and EPA	4			06-11 meeting in w. helena with	Interim Resolution 2009-002, requesting AR State	N	No relevant information.	6/11/2009	2			
	Documents			over 3	00 people.pdf	Senate to encourage ADEQ to expedite site cleanup.							
ADEO1	ADEQ and EPA			2000 (09 14 Nous Polosso Codar Chomical	Submitted by State Senators Crumbley and Malone. News release from ADEQ to press/news reporting	N	No relevant information.	9/14/2009	2			
	Documents	1			Meeting.doc	outlets that public meeting scheduled for September	14	No relevant information.	3/14/2003	*			
1 1	bocaments			I done	Wiceting. doc	22, 2009. Meeting purpose to update residents on							
						cleanup work.							
ADEQ1	ADEQ and EPA			2009-1	11-25 Memo to Tammie on EPA	ADEQ internal memo, review of EPA Removal Action	N	No relevant information.	**********	1			
1	Documents	1		Remov	val Report.doc	Report.							
ADEQ1	ADEQ and EPA			2010-0	02-24 Draft RADD (dated February	Draft RADD. Summarizes selected remedies and	Υ	Pp. 13-22 summarize 74 SWMUs and 3 AOCs. Pp. 23-24 summarize	2/24/2010	70			
	Documents			24, 20	10).pdf	alternatives. Summarizes manifests with substances		COCs in soil and groundwater, and those that that exceed health-based					
						and quantities of wastes.		screening levels. Pp. 25-26 summarize human health and ecological					
								risks. Pp. 40-42 summarize selected remedies and alternatives. Pp. 55-					
								63 summarize manifests.					
	ADEQ and EPA	4			03-04 News Release - Cedar	News release from ADEQ to press/news reporting	N	No relevant information.	3/4/2010	2			
	Documents				cal hearing scheduled for March	outlets that a public hearing will be held to receive							
10501	ADEQ and EPA	1		16th.d		comments on RA plan.		2011 04 27 1 4	4/40/2040	14			
	ADEQ and EPA Documents	4		2010-0	04-10 Cedar Lease Agreement.pdf	Lease agreement with option to purchase. Cedar Chemical Public Ownership Trust, Lessor; Quapaw	Y	2011-04-27 Lease Agreement with option to Purchase.pdf is a duplicate of this document. This document has two pages numbered 13one	4/10/2010	14			
	Documents					Products, LLC, Lessee. Signed, but missing dates of		without signatures, one with signatures. P. 4 documents that wood					
						lease term. Lessee will use property for wood products		products process and manufacturing facility leased site in 2010.					
						process and manufacturing facility.		products process and manufacturing facility leased site in 2010.					
ADEQ1	ADEQ and EPA			2010-0	04-21 Routing Slip for	ADEQ internal routing slip for review and concurrence	N	No relevant information.	4/21/2010	1			
	Documents				nsiveness Summary for comments	of Responsiveness Summary for comments to Cedar	0.5		,,,				
					lar RADD.pdf	RADD.							
ADEQ1	ADEQ and EPA					Letters from ADEQ to: State Senators Crumbly and	Υ	p. 1 establishes commencement date of 4/27/10 Lease Agreement for	5/11/2010	4			
	Documents				agreement.pdf	Malone and State Representative Hall, regarding lease		wood products process and manufacturing facility.					
					Step 12	agreement with option to purchase between ADEQ and		5 74 80 90					
						Quapaw, LLC, effective 4/27/2010.							
	ADEQ and EPA			2010-0	06-03 Final RADD.pdf	ADEQ Response to PRP Comments to Draft RADD, and	Υ	Pp. 68-77 summarize 74 SWMUs and 3 AOCs. Pp. 78-79 summarize	6/3/2010	124			
	Documents					Final Decision with attached Final RADD. Summarizes		COCs in soil and groundwater, and those that that exceed health-based					
						manifests with substances and quantities of wastes.		screening levels. Pp. 80-81 summarize human health and ecological					
								risks. Pp. 96-98 summarize selected remedies and alternatives. Pp. 111-					
								119 summarize manifests.					
	ADEQ and EPA	4			07-01 Helena Chemical's Appeal of	Helena Chemical Company's request for APCEC	N	No relevant information. Lack of specific information.	7/1/2010	5			
	Documents			the Fir	nal RADD.pdf	Commission Review of ADEQ decision to issue RADD to facility. Helena Chemical Co. argues that they do not							
						own facility and that the final RADD does not follow							
						recommendations of FS. Helena Chemical does not							
						supply specifics on their complaint.							
						supply specifies on their complaint.							
ADEQ1	ADEQ and EPA			2011-0	04-05 Letter to cedar late taxes.pdf	From ADEQ to Phillips County Tax Collector.	N	No relevant information.	4/5/2011	6			
	Documents					Delinquent 2008 and 2009 property taxes for site are in							
						error, as site is held as a public trust and is not taxable.							
						Public trust order is attached.							
ADEQ1	ADEQ and EPA			2011-0	04-27 Lease Agreement with option	Lease agreement with option to purchase. Cedar	Υ	Duplicate of 2010-04-10 Cedar Lease Agreement.pdf, with one page	4/27/2011	13			
	Documents			to Pure	chase.pdf	Chemical Public Ownership Trust, Lessor; Quapaw		numbered 13 with signatures. P. 4 documents that wood products					
						Products, LLC, Lessee. Signed, but missing dates of		process and manufacturing facility leased site in 2010.					
						lease term. Lessee will use property for wood products							
						process and manufacturing facility.			- /- /				
	ADEQ and EPA Documents	1		2012-0	03-09 Cedar No Dig Map 11x17.pdf	Map showing where excavation is not allowed.	Y	Shows facility buildings and features with labels.	3/9/2012	1			
	Documents ADEQ and EPA	 		2012.0	03-21 Ar Dem Gazette Article.mht	Newspaper article that cleanup costs at site exceed the	v	Documents cost of cleanup at \$37 Million to date of article.	3/21/2012	1		-	
	ADEQ and EPA Documents	1		2012-0	03-21 AI Delli Gazette Article.mht	Newspaper article that cleanup costs at site exceed the funding available in the ADEQ Remedial Action Trust	T.	pocuments cost of cleanup at \$57 ivillion to date of article.	3/21/2012	1 1			
	ocuments					Fund. The State requested that the U.S. EPA add the			1				
						site to the national Superfund list.			1				
ADEQ1	ADEQ and EPA	2005-06-31		2006-0	03-31 Cedar Trip Report.pdf	Trip Report groundwater, soil, and sediment sampling	Y	Duplicate of 2006-03-21 To EPA Region 6 from Booz Allen Hamilton -	3/31/2006	19			
	Documents	EPA Sampling				by Booz Allen Hamilton for EPA under RCRA REPA3	60	Cedar Trip Report.pdf (processes listed p.3), with an extra blank page at					
		Report				contract.		end of document.					
ADEQ1	ADEQ and EPA	2005-06-31	Figures,	2006-0	01-06 Groundwater Data from	Laboratory analytical data from one or more sampling	Υ	May be useful for documenting contamination, but lab sample IDs	1/6/2006	141			
[Documents		Appendicees,	2005.r	tf	events.		would need to be matched with trip sample IDs to determine sample					
		Report	etc					locations. Data are not validated.					
	ADEQ and EPA		Figures,	2006-0	03-31 Cedar Trip Report.doc	Trip Report groundwater, soil, and sediment sampling	Y	Duplicate of 2006-03-21 To EPA Region 6 from Booz Allen Hamilton -	3/31/2006	18		T	
	Documents	EPA Sampling	Appendicees,			by Booz Allen Hamilton for EPA under RCRA REPA3		Cedar Trip Report.pdf (processes listed p.3).	1				
-		Report	etc			contract.	100		- 1 1-				
	ADEQ and EPA		Figures,	2006-0	03-31 CvLtr.pdf	Transmission letter from Booz Allen Hamilton to EPA,	N	No relevant information.	3/31/2006	1			
	Documents	EPA Sampling	5.0			submitting Trip Report.			1				
ADEQ1	VDEO 2-4 FC.	Report	etc	2005	22 21 First polf	Trin Banast Figure 1 Site Lagartine Admi	N.	No relevant information	2/21/2000			-	
	ADEQ and EPA	2005-06-31	Figures,	2006-0	03-31 Fig1.pdf	Trip Report Figure 1, Site Location Map	N	No relevant information.	3/31/2006	1			
	Documents	EPA Sampling Report	Appendicees, etc										
ADEO1	ADEQ and EPA		Figures,	Manit	oring Well Locations.xls	Trip Report Monitoring Well Locations by latitude,	v	Documents locations of monitoring wells installed and sampled.	3/31/2006	1			
1 1.	ADEQ and EPA Documents	EPA Sampling	Appendicees,	Ivioniti	OTTING WEST LOCATIONS.XIS	longitude	T.	bocuments locations of monitoring wens installed and sampled.	3,31/2000	1			
	Documents	Report	etc			iongicade			1				
ADFO1	ADEQ and EPA		Figures,	R0680	4_095-AttA.pdf	Trip Report soil boring log	Y	Pp. 1-4 document subsurface staining and odor at sampling location.	3/31/2006	4			
	Documents		Appendicees,					, and the state of					
] [Report	etc										
			-			-		,	-			_	

ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendicees,	R06804_095-AttB.pdf	Trip Report Table 1 Water Quality Parameter Data	N	No relevant information.	3/31/2006	6		
ADEQ1	ADEQ and EPA Documents		Figures, Appendicees,	R06804_095-AttC-P1.pdf	Trip Report Field Notebook. Groundwater sampling and photo log.	Y	Might be useful for additional documentation of groundwater sampling and/or photos.	3/31/2006	19		
ADEQ1	ADEQ and EPA Documents		Figures, Appendicees,	R06804_095-AttC-P2.pdf	Trip Report Field Notebook. Groundwater sampling.	Y	Might be useful for additional documentation of groundwater sampling.	3/31/2006	20		
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling	Figures, Appendicees,	R06804_095-AttC-P3.pdf	Trip Report Field Notebook. Groundwater, sediment, and subsurface soil boring sampling with photo log.	Y	Might be useful for additional documentation of groundwater, sediment, and subsurface soil boring sampling and/or photos.	3/31/2006	8		
ADEQ1	ADEQ and EPA Documents	Report 2005-06-31 EPA Sampling Report	Figures, Appendicees, etc	R06804_095-AttD-P1.pdf	Trip Report Photo 1, photo documentation of groundwater, sediment, and subsurface soil boring locations.	Y	Might be useful for additional documentation of groundwater, sediment, and subsurface soil boring sampling, in conjunction with field notebooks and trip report.	3/31/2006	1		
ADEQ1	ADEQ and EPA Documents		Figures,	R06804_095-AttD-P2.pdf	Trip Report Photo 1, photo documentation of groundwater sampling locations.	Y	Might be useful for additional documentation of groundwater sampling, in conjunction with field notebooks and trip report.	3/31/2006	1:		
ADEQ1	ADEQ and EPA Documents		Figures, Appendicees,	R06804_095-AttD-P3.pdf	Trip Report Photo 1, photo documentation of groundwater sampling locations.	Y	Might be useful for additional documentation of groundwater sampling, in conjunction with field notebooks and trip report.	3/31/2006	14		
ADEQ1	ADEQ and EPA Documents		Figures,	R06804_095-AttE.pdf	Trip Report sample chains of custody forms.	N	No relevant information.	3/31/2006	7		
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendicees, etc	R06804_095_Fig2.pdf	Trip Report Figure 2, Onsite Sample Location Map	Y	Documents locations of soil, sediment, and groundwater samples collected onsite.	3/31/2006	1		
	ADEQ and EPA Documents		Figures, Appendicees, etc	R06804_095_Fig3.pdf	Trip Report Figure 3, Off Site Sample Location Map	Y	Documents locations of groundwater samples collected off site.	3/31/2006	1		
ADEQ1	ADEQ and EPA Documents	2005-06-31	Sampling Pictures	IMG_0001.JPG	Trip Report Photo 1, no legend. Above ground storage tanks.	N	No relevant information.	3/31/2006	1		
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures	IMG_0002.JPG	Trip Report Photo 2, no legend.	N	No relevant information.	3/31/2006	1		
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures	IMG_0003.JPG	Trip Report Photo 3, no legend.	N	No relevant information.	3/31/2006	1		
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures	IMG_0004JPG	Trip Report Photo 4, no legend. Impoundments.	N	No relevant information.	3/31/2006	1		
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures	IMG_0005.JPG	Trip Report Photo 5, no legend.	N	No relevant information.	3/31/2006	1		
	ADEQ and EPA Documents	EPA Sampling Report	Sampling Pictures	IMG_0006.JPG	Trip Report Photo 6, no legend. Above ground storage tanks.	N	No relevant information.	3/31/2006	1		
	Documents	EPA Sampling Report	Sampling Pictures	IMG_0007.JPG	Trip Report Photo 7, no legend. Above ground storage tanks.	N	No relevant information.	3/31/2006	1		
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures	IMG_0008.JPG	Trip Report Photo 8, no legend. Above ground storage tanks.	N	No relevant information.	3/31/2006	1		
	Documents	EPA Sampling Report	Sampling Pictures	IMG_0009JPG	Trip Report Photo 9, no legend. Above ground storage tanks.	N	No relevant information.	3/31/2006	1		
	ADEQ and EPA Documents	EPA Sampling Report	Sampling Pictures	IMG_0011.JPG	Trip Report Photo 11, no legend.	N	No relevant information.	3/31/2006	1		
	ADEQ and EPA Documents	EPA Sampling Report	Sampling Pictures	IMG_0012.JPG	Trip Report Photo 12, no legend. Above ground storage tanks.	N	No relevant information.	3/31/2006	1		
	ADEQ and EPA Documents	EPA Sampling Report	Sampling Pictures	IMG_0013.JPG	Trip Report Photo 13, no legend. Groundwater sampling location.	N	No relevant information.	3/31/2006	1		
	ADEQ and EPA Documents	EPA Sampling Report	Sampling Pictures	IMG_0014.JPG	Trip Report Photo 14, no legend. Groundwater sampling location.	N	No relevant information.	3/31/2006	1		
	ADEQ and EPA Documents	EPA Sampling Report	Sampling Pictures	IMG_0015.JPG	Trip Report Photo 15, no legend. Groundwater sampling location.	N	No relevant information.	3/31/2006	1		
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures	IMG_0016.JPG	Trip Report Photo 16, no legend.	N	No relevant information.	3/31/2006	1		

ADEQ1 ADEQ and EPA Documents	EPA Sampling	Sampling Pictures	IMG_0017.JPG	Trip Report Photo 17, no legend. Above ground storage tanks.	N	No relevant information.	3/31/2006		1			
	Report				_							
ADEQ1 ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures	IMG_0018.JPG	Trip Report Photo 18, no legend.	N	No relevant information.	3/31/2006		1			
ADEQ1 ADEQ and EPA		Sampling	IMG_0019.JPG	Trip Report Photo 19, no legend.	N	No relevant information.	3/31/2006		1			
Documents	EPA Sampling Report	Pictures	IIIIG_5015331 G	The Report Fricto 13, no regend.	"	No recevant information.	3,31,2000					
ADEQ1 ADEQ and EPA		Sampling	IMG_0020.JPG	Trip Report Photo 20, no legend.	N	No relevant information.	3/31/2006		1			
Documents	EPA Sampling Report	Pictures										
ADEQ1 ADEQ and EPA		Sampling	IMG_0021.JPG	Trip Report Photo 21, no legend.	N	No relevant information.	3/31/2006		1			
Documents	EPA Sampling Report										s.	
ADEQ1 ADEQ and EPA Documents	EPA Sampling	Sampling Pictures	IMG_0022.JPG	Trip Report Photo 22, no legend.	N	No relevant information.	3/31/2006		1			
	Report				.	A second	- / /					
ADEQ1 ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures	IMG_0023.JPG	Trip Report Photo 23, no legend.	N	No relevant information.	3/31/2006		1			
ADEQ1 ADEQ and EPA		Sampling	IMG_0024.JPG	Trip Report Photo 24, no legend. Water sampling	N	No relevant information.	3/31/2006		1			
Documents	EPA Sampling Report	Pictures	INIO_002431 G	location.	"	No relevant mormaton.	3/31/2000					
ADEQ1 ADEQ and EPA		Sampling	IMG_0025.JPG	Trip Report Photo 25.	N	No relevant information.	3/31/2006		1			
Documents	EPA Sampling Report					2000 2000000000000000000000000000000000	3,31,230		5			
ADEQ1 ADEQ and EPA	2005-06-31	Sampling	IMG_0026.JPG	Trip Report Photo 26, no legend. Impoundment.	N	No relevant information.	3/31/2006		1			
Documents	EPA Sampling Report	Pictures	_									
ADEQ1 ADEQ and EPA	2005-06-31	Sampling	IMG_0027.JPG	Trip Report Photo 27, no legend. Impoundment.	N	No relevant information.	3/31/2006		1			
Documents	EPA Sampling Report											
ADEQ1 ADEQ and EPA		Sampling	IMG_0028.JPG	Trip Report Photo 28, no legend. Impoundment.	N	No relevant information.	3/31/2006		1			
Documents	EPA Sampling Report	Pictures										
ADEQ1 ADEQ and EPA	2005-06-31	Sampling	IMG_0029.JPG	Trip Report Photo 29, no legend.	N	No relevant information.	3/31/2006		1			
Documents	EPA Sampling Report	Pictures	99-90									
ADEQ1 ADEQ and EPA	2005-06-31	Sampling	IMG_0030.JPG	Trip Report Photo 30, no legend.	N	No relevant information.	3/31/2006		1		16	
Documents	EPA Sampling Report											
ADEQ1 ADEQ and EPA		Sampling	IMG_0031.JPG	Trip Report Photo 31, no legend.	N	No relevant information.	3/31/2006		1			
Documents	EPA Sampling Report	Pictures					155 8					
ADEQ1 ADEQ and EPA	2005-06-31	Sampling	IMG_0032.JPG	Trip Report Photo 32, no legend. Soil or sediment	N	No relevant information.	3/31/2006		1			
Documents	EPA Sampling Report	Pictures	100.00	sampling location.								
ADEQ1 ADEQ and EPA	2005-06-31	Sampling	IMG_0033.JPG	Trip Report Photo 33, no legend.	N	No relevant information.	3/31/2006		1			
Documents	EPA Sampling Report	Pictures										
ADEQ1 ADEQ and EPA	2005-06-31	Sampling	IMG_0034.JPG	Trip Report Photo 34, no legend. Groundwater	N	No relevant information.	3/31/2006					
Documents	EPA Sampling Report	Pictures		sampling location.								
ADEQ1 ADEQ and EPA		Sampling	IMG_0035.JPG	Trip Report Photo 35, no legend. Groundwater	N	No relevant information.	3/31/2006	T	T			
Documents	EPA Sampling Report	Pictures		sampling location.								
ADEQ1 ADEQ and EPA	2005-06-31	Sampling	IMG_0036.JPG	Trip Report Photo 36, no legend. Groundwater	N	No relevant information.	3/31/2006					
Documents	EPA Sampling Report			sampling location.								
ADEQ1 ADEQ and EPA	2005-06-31	Sampling	IMG_0037.JPG	Trip Report Photo 37, no legend. Groundwater	N	No relevant information.	3/31/2006					
Documents	EPA Sampling Report	Pictures	8.30	sampling location.								
ADEQ1 ADEQ and EPA		Sampling	IMG_0038.JPG	Trip Report Photo 38, no legend.	N	No relevant information.	3/31/2006					
Documents	EPA Sampling			,								
ADEO1 ADEO 1 TO	Report	Commilier -	INAC 0030 IDC	Trin Donast Dhoto 20 II		No volovent information	2/24/2005					
ADEQ1 ADEQ and EPA Documents	EPA Sampling	Sampling Pictures	IMG_0039.JPG	Trip Report Photo 39, no legend.	N	No relevant information.	3/31/2006					
ADEQ1 ADEQ 1	Report	Committee	INAC 0040 100	Tale Descript Photo 40	-	No and the second of the secon	0 104 1005		-			_
ADEQ1 ADEQ and EPA Documents	EPA Sampling	Sampling Pictures	IMG_0040JPG	Trip Report Photo 40, no legend. Geoprobe.	N	No relevant information.	3/31/2006					
ADEQ1 ADEQ 1531	Report	Complian	INAC DOMESTIC	Tria Decemb Photo 41 and learned Const.	-	N	2/24/2005		\rightarrow			\vdash
ADEQ1 ADEQ and EPA Documents	2005-06-31 EPA Sampling	Sampling Pictures	IMG_0041.JPG	Trip Report Photo 41, no legend. Geoprobe.	N	No relevant information.	3/31/2006					
	Report				1							
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ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0042.JPG	Trip Report Photo 42, no legend.	N	No relevant information.	3/31/2006				
ADEQ1	ADEQ and EPA Documents		Sampling Pictures		IMG_0043.JPG	Trip Report Photo 43, no legend. Geoprobe.	N	No relevant information.	3/31/2006				
		Report											
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0044.JPG	Trip Report Photo 44, no legend. Subsurface core sampling.	N	No relevant information.	3/31/2006				
ADEO1	ADEQ and EPA		Sampling		IMG 0045.JPG	Trin Depart Dheta 4E na lagand Gangaha	N	No relevant information.	3/31/2006				
ADEQI	Documents	EPA Sampling Report	Pictures		IIMG_0045.JPG	Trip Report Photo 45, no legend. Geoprobe.	IN .	No relevant information.	3/31/2006				
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0046.JPG	Trip Report Photo 46, no legend. Geoprobe.	N	No relevant information.	3/31/2006				
ADEQ1	ADEQ and EPA Documents		Sampling Pictures		IMG_0047.JPG	Trip Report Photo 47, no legend. Subsurface core sampling.	N	No relevant information.	3/31/2006				
ADEO1	ADEQ and EPA		Camalina	1	IMG_0048.JPG	Trip Report Photo 48, no legend. Subsurface core	l N	No relevant information.	3/31/2006				-
ADEQI	Documents	EPA Sampling Report	Sampling Pictures		IIVIG_0048.JPG	sampling.	I N	No relevant information.	3/31/2006				
ADEQ1	ADEQ and EPA	2005-06-31	Sampling		IMG_0049.JPG	Trip Report Photo 49, no legend. Subsurface core	N	No relevant information.	3/31/2006				
	Documents	EPA Sampling Report				sampling.							
ADEQ1	ADEQ and EPA	2005-06-31	Sampling		IMG_0050.JPG	Trip Report Photo 50, no legend. Subsurface core	N	No relevant information.	3/31/2006				
ADEO1	Documents ADEQ and EPA	EPA Sampling Report 2005-06-31	Pictures Sampling		IMG_0051.JPG	sampling. Trip Report Photo 51, no legend. Subsurface core	N	No relevant information.	3/31/2006				
ADEQI	Documents	EPA Sampling Report			IIVIG_0031.3PG	sampling.	, N	no relevant information.	3/31/2006				
ADEQ1	ADEQ and EPA Documents	EPA Sampling	Sampling Pictures		IMG_0052.JPG	Trip Report Photo 52, no legend. Subsurface core sampling.	N	No relevant information.	3/31/2006				
		Report	- "				100	25 2 02 2 02					
ADEQ1	ADEQ and EPA Documents	EPA Sampling Report	Sampling Pictures		IMG_0053.JPG	Trip Report Photo 53, no legend. Subsurface core sampling.	N	No relevant information.	3/31/2006				
ADEO1	ADEQ and EPA		Sampling		IMG_0054.JPG	Trip Report Photo 54, no legend. Subsurface core	N	No relevant information.	3/31/2006				
	Documents	EPA Sampling Report	Pictures		95%	sampling.						s.	
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0055.JPG	Trip Report Photo 55, no legend. Subsurface core sampling.	N	No relevant information.	3/31/2006				
ADEQ1	ADEQ and EPA Documents		Sampling Pictures		IMG_0056.JPG	Trip Report Photo 56, no legend. Subsurface core sampling.	N	No relevant information.	3/31/2006				
ADEC1	ADEQ and EPA		Campling	1	IMG_0057.JPG	Trip Report Photo 57, no legend. Subsurface core	N	No relevant information.	3/31/2006		1		\vdash
ADEQI	Documents	EPA Sampling Report	Sampling Pictures		IIVIG_0057.3PG	sampling.	IN .	no relevant information.	3/31/2006				
ADEQ1	ADEQ and EPA	2005-06-31	Sampling		IMG_0059.JPG	Trip Report Photo 59, no legend. Subsurface core	N	No relevant information.	3/31/2006				
	Documents	EPA Sampling Report				sampling.							
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0060.JPG	Trip Report Photo 60, no legend. Subsurface core sampling.	N	No relevant information.	3/31/2006				
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0061.JPG	Trip Report Photo 61, no legend. Subsurface core sampling.	N	No relevant information.	3/31/2006				
ADEQ1	ADEQ and EPA Documents		Sampling Pictures		IMG_0062.JPG	Trip Report Photo 62, no legend. Subsurface core sampling.	N	No relevant information.	3/31/2006				
		Report											
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0063.JPG	Trip Report Photo 63, no legend. Subsurface core sampling.	N	No relevant information.	3/31/2006				
ADECT	ADE0 1551		e construction	—	INAC ODCA IDC	Tris Bound Bloom CA and bound Code of	+	No colorona (a formación)	2/24/2005		+		\vdash
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0064.JPG	Trip Report Photo 64, no legend. Subsurface core sampling.	N	No relevant information.	3/31/2006				
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling	Sampling Pictures		IMG_0065.JPG	Trip Report Photo 65, no legend. Impoundment.	N	No relevant information.	3/31/2006				
		Report		-			-			-	+		
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0066.JPG	Trip Report Photo 66, no legend. Impoundment.	N	No relevant information.	3/31/2006				
ADEO1	ADEQ and EPA		Sampling	1	IMG_0067.JPG	Trip Report Photo 67, no legend. Water sampling	N	No relevant information.	3/31/2006				
ADEQI	Documents	EPA Sampling Report				location.		recoult illoringuon.	3/31/2000				

ADEQ1 ADEQ and EPA Documents	2005-06-31 EPA Sampling	Sampling Pictures	IMG_0068.JPG	Trip Report Photo 68, no legend. Subsurface core sampling.	N	No relevant information.	3/31/2006			
	Report									
ADEQ1 ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures	DAT 6900_DWI	Trip Report Photo 69, no legend. Geoprobe.	N	No relevant information.	3/31/2006			
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ADEQ1 ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures	IMG_0070.JPG	Trip Report Photo 70, no legend. Subsurface core sampling.	N	No relevant information.	3/31/2006			
ADEQ1 ADEQ and EPA		Sampling	IMG_0071.JPG	Trip Report Photo 71, no legend. Subsurface core	N	No relevant information.	3/31/2006		-	
Documents	EPA Sampling Report	Pictures	INIO_00713F0	sampling.		No relevant information.	3/31/2000			
ADEQ1 ADEQ and EPA		Sampling	IMG_0072.JPG	Trip Report Photo 72, no legend. Subsurface core	N	No relevant information.	3/31/2006			
Documents	EPA Sampling Report			sampling.						
ADEQ1 ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures	IMG_0073.JPG	Trip Report Photo 73, no legend. Subsurface core sampling.	N	No relevant information.	3/31/2006			
ADEQ1 ADEQ and EPA		Complian	IMG_0074.JPG	Trio Decemb Objects 74 and Jersey d. Colonial Construction	NI.	No selement information	3/31/2006		- 45	_
Documents	EPA Sampling Report	Sampling Pictures	IIVIG_00/4.3PG	Trip Report Photo 74, no legend. Subsurface core sampling.	N	No relevant information.	3/31/2006			
ADEQ1 ADEQ and EPA	2005-06-31	Sampling	IMG_0075.JPG	Trip Report Photo 75, no legend. Subsurface core	N	No relevant information.	3/31/2006		7 7	
Documents	EPA Sampling Report	Pictures		sampling.		no recent mornaton.	3,31,1300			
ADEQ1 ADEQ and EPA	2005-06-31	Sampling	IMG_0076.JPG	Trip Report Photo 76, no legend.	N	No relevant information.	3/31/2006			
Documents	EPA Sampling Report	Pictures								
ADEQ1 ADEQ and EPA	2005-06-31	Sampling	IMG_0077.JPG	Trip Report Photo 77, no legend.	N	No relevant information.	3/31/2006			
Documents	EPA Sampling Report									
ADEQ1 ADEQ and EPA	2005-06-31	Sampling	IMG_0078.JPG	Trip Report Photo 78, no legend.	N	No relevant information.	3/31/2006			
Documents	EPA Sampling Report						100			
ADEQ1 ADEQ and EPA		Sampling	IMG_0079.JPG	Trip Report Photo 79, no legend.	N	No relevant information.	3/31/2006			
Documents	EPA Sampling Report									
ADEQ1 ADEQ and EPA		Sampling	IMG_0080.JPG	Trip Report Photo 80, no legend.	N	No relevant information.	3/31/2006			
Documents	EPA Sampling	Pictures								
	Report	l.								
ADEQ1 ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures	IMG_0081.JPG	Trip Report Photo 81, no legend. Above ground storage tank.	N	No relevant information.	3/31/2006			
						a produce the control of the production is desired.	2 /2 / /2 2 2			
ADEQ1 ADEQ and EPA Documents	EPA Sampling Report	Sampling Pictures	IMG_0082.JPG	Trip Report Photo 82, no legend.	N	No relevant information.	3/31/2006			
ADEQ1 ADEQ and EPA		Sampling	IMG_0083.JPG	Trip Report Photo 83, no legend.	N	No relevant information.	3/31/2006			
Documents	EPA Sampling Report	Pictures	III/Id_000053110	The Report From 63, no regend.		No relevant information.	3/31/2000			
ADEQ1 ADEQ and EPA	2005-06-31	Sampling	IMG_0084.JPG	Trip Report Photo 84, no legend.	N	No relevant information.	3/31/2006			
Documents	EPA Sampling Report	Pictures	(2004) (III - 474, 527, 528, 53)		923	(SOC. \$100) (100) (800) (800) (800) (100 (800))				
ADEQ1 ADEQ and EPA	2005-06-31	Sampling	IMG_0085.JPG	Trip Report Photo 85, no legend.	N	No relevant information.	3/31/2006			
Documents	EPA Sampling Report	Pictures								
ADEQ1 ADEQ and EPA		Sampling	IMG_0086.JPG	Trip Report Photo 86, no legend. Subsurface core	N	No relevant information.	3/31/2006			
Documents	EPA Sampling Report	Pictures		sampling.						
ADEQ1 ADEQ and EPA		Sampling	IMG_0087.JPG	Trip Report Photo 87, no legend. Subsurface core	N	No relevant information.	3/31/2006			
Documents	EPA Sampling Report			sampling.						
ADEQ1 ADEQ and EPA		Sampling	IMG_0088.JPG	Trip Report Photo 88, no legend. Subsurface core	N	No relevant information.	3/31/2006			
Documents	EPA Sampling Report	Pictures	N. S.	sampling.						
ADEQ1 ADEQ and EPA	2005-06-31	Sampling	IMG_0089.JPG	Trip Report Photo 89, no legend. Geoprobe.	N	No relevant information.	3/31/2006			
Documents	EPA Sampling	Pictures			1		100 D			
	Report									
ADEQ1 ADEQ and EPA Documents	EPA Sampling	Sampling Pictures	IMG_0090.JPG	Trip Report Photo 90, no legend. Geoprobe.	N	No relevant information.	3/31/2006			
	Report									
ADEQ1 ADEQ and EPA	2005-06-31	Sampling	IMG_0091.JPG	Trip Report Photo 91, no legend.	N	No relevant information.	3/31/2006			
Documents	EPA Sampling Report	Pictures					10,000 00			
ADEQ1 ADEQ and EPA	2005-06-31	Sampling	IMG_0092.JPG	Trip Report Photo 92, no legend. Subsurface core	N	No relevant information.	3/31/2006			
Documents	EPA Sampling			sampling.	1	potes onecumen-MAC-MEDISCHERPH-LECCHERT-				
	Report				1					
	1 Jane	-						-		

March Marc												
April			Sampling Pictures	IMG_0093.JPG		N	No relevant information.	3/31/2006				
Description Controlled Co		Report										
March Marc		EPA Sampling		IMG_0094.JPG	Trip Report Photo 94, no legend. Monitoring wells.	N	No relevant information.	3/31/2006				
Marchant Washing Was			2 0			100		200000000000000000000000000000000000000			_	
According March		EPA Sampling		IMG_0095.JPG	Trip Report Photo 95, no legend.	N	No relevant information.	3/31/2006				
Company Comp	ADEO1 ADEO and EPA		Sampling	IMG 0096 IPG	Trin Report Photo 96, no legend. Monitoring well	N	No relevant information	3/31/2006				
Second S		EPA Sampling		INIO_003031 G			No recease morniation.	3,31,2000				
Secondary Pouts Secondary Pouts Secondary Pouts Secondary Seco	ADEQ1 ADEQ and EPA		Sampling	IMG 0097.JPG	Trip Report Photo 97, no legend.	N	No relevant information.	3/31/2006				
Mathematical Content	Documents	EPA Sampling Report										
Section Sect		EPA Sampling		IMG_0098.JPG	Trip Report Photo 98, no legend.	N	No relevant information.	3/31/2006				
State	ADEQ1 ADEQ == 4 EDA		Camalina	INAC 0000 IDC	Trin Barrat Bhata 00 and larged	N.	No solomonia formania	2/21/2006				
ASSC March		EPA Sampling		IIVIG_00393.FG	The Report Frioto 93, no legend.	l N	No relevant illiormation.	3/31/2000				
Second Part Second Par	ADEO1 ADEO and EPA		Sampling	IMG_0100.IPG	Trip Report Photo 100, no legend.	N	No relevant information	3/31/2006				
Second March Mar		EPA Sampling										
Second March Mar	ADEQ1 ADEQ and EPA	2005-06-31	Sampling	IMG_0101.JPG	Trip Report Photo 101, no legend.	N	No relevant information.	3/31/2006				
Second S	Documents	EPA Sampling Report										
Second S	ADEQ1 ADEQ and EPA	2005-06-31	Sampling	IMG_0102.JPG	Trip Report Photo 102, no legend.	N	No relevant information.	3/31/2006				
Documents PA Sampling Patture		Report										
Second S				IMG_0103.JPG	Trip Report Photo 103, no legend.	N	No relevant information.	3/31/2006				
Documents PAS Sampling Natures		Report										
Report Modified				IMG_0104JPG	Trip Report Photo 104, no legend.	N	No relevant information.	3/31/2006				
AGICI J AGICI and ETA P. Sampling Patterns Beautiful Control 100 pour legend. Patterns Beautiful Control 100 p	Documents		Pictures									
Decements PAS-ampling Pictures Newert	ADEO1 ADEO and EDA		Sampling	IMG 0105 IPG	Trip Report Photo 105, no legend	N	No relevant information	3/31/2006		<u> </u>		
Report Colored Report Colored Colore				IIMIG_01037LG	The Report Filoto 103, no legend.	I N	No relevant information.	3/31/2006				
ADICEL ADICEL and EPA 2005-06-13 Sampling Politicutes Fig. Report Photo 106, no legend. N No relevant information. 3/31/2006	Documents		l									
DOCUMENTS PA Assemble Petruse Page	ADEQ1 ADEQ and EPA		Sampling	IMG 0106JPG	Trip Report Photo 106, no legend.	N	No relevant information.	3/31/2006			21 15	
ADCIQ ADCIQ and PEX 2005-06-31 Sampling Mode, D110, PFG Sampling		EPA Sampling										
Documents (PA Simpling Pictures Report A 2005-06-31 Simpling Documents) (PA Simpling Pictures PA 2005-06-31 Simpling Documents) (PA Simpling Pictures Neport P	ADEQ1 ADEQ and EPA		Sampling	IMG 0107JPG	Trip Report Photo 107, no legend. Groundwater	N	No relevant information.	3/31/2006			7	
Documents EPA Sampling Report R		EPA Sampling										
Report ADCIQ ADCIQ and PA 2005-06-31 Sampling IMG_010_JPG Trip Report Photo 110, no legend. N No relevant information. 3/31/2006 Sampling IMG_011_JPG Trip Report Photo 111, no legend. N No relevant information. 3/31/2006 Sampling IMG_011_JPG Trip Report Photo 111, no legend. N No relevant information. 3/31/2006 Sampling IMG_011_JPG Trip Report Photo 111, no legend. N No relevant information. 3/31/2006 Sampling IMG_011_JPG Trip Report Photo 111, no legend. N No relevant information. 3/31/2006 Sampling IMG_011_JPG Trip Report Photo 111, no legend. N No relevant information. 3/31/2006 Sampling IMG_011_JPG Trip Report Photo 114, no legend. N No relevant information. 3/31/2006 Sampling IMG_011_JPG Trip Report Photo 114, no legend. N No relevant information. 3/31/2006 Sampling Pictures S	ADEQ1 ADEQ and EPA	2005-06-31	Sampling	IMG_0108.JPG	Trip Report Photo 108, no legend. Groundwater	N	No relevant information.	3/31/2006				
Documents EPA Sampling Pictures Report		Report	Pictures									
Report R				IMG_0110.JPG	Trip Report Photo 110, no legend.	N	No relevant information.	3/31/2006				
Documents FA Sampling Pictures Report ADECI ADECI and EPA Documents FPA Sampling Pictures Report Photo 112, no legend. No relevant information. 3/31/2006 Pictures Report Photo 112, no legend. No relevant information. 3/31/2006 Pictures Report Photo 112, no legend. No relevant information. 3/31/2006 Pictures Report Photo 115, no legend. No relevant information. 3/31/2006 Pictures Report Photo 115, no legend. No relevant information. 3/31/2006 Pictures Report Photo 115, no legend. No relevant information. 3/31/2006 Pictures Report Photo 115, no legend. No relevant information. 3/31/2006 Pictures Report Photo 115, no legend. No relevant information. 3/31/2006 Pictures Report Photo 115, no legend. No relevant information. 3/31/2006 Pictures Report Photo 115, no legend. Sampling Pictures Report Photo 115, no legend. No relevant information. 3/31/2006 Pictures Report Photo 115, no legend. No relevant information. 3/31/2006 Pictures Report Photo 115, no legend. No relevant information. 3/31/2006 Pictures Report Photo 115, no legend. No relevant information. 3/31/2006 Pictures Report Photo 115, no legend. No relevant information. 3/31/2006 Pictures Report Photo 115, no legend. No relevant information. 3/31/2006 Pictures Report Photo 115, no legend. No relevant information. 3/31/2006 Pictures Report Photo 115, no legend. No relevant information. 3/31/2006 Pictures Report Photo 115, no legend. No relevant information. 3/31/2006 Pictures Report Photo 115, no legend. No relevant information. 3/31/2006 Pictures Report Photo 115, no legend. No relevant information. 3/31/2006 Pictures Report Photo 115, no legend. No relevant information. 3/31/2006 Pictures Photo Pictures P		Report										
ADEQ1 ADEQ and EPA 2005-06-31 Sampling Pictures Report ADEQ and EPA 2005-06-31 Sampling Pictures Sampling Pictures Sampling Report ADEQ and EPA 2005-06-31 Sampling Pictures ADEQ				IMG_0111.JPG	Trip Report Photo 111, no legend.	N	No relevant information.	3/31/2006				
Documents EPA Sampling Pictures Report ADEQ1 ADEQ and EPA 2005-06-31 Documents EPA Sampling Pictures Report ADEQ1 ADEQ and EPA 2005-06-31 Documents EPA Sampling Pictures Report ADEQ1 ADEQ and EPA 2005-06-31 Sampling Pictures Report ADEQ1 ADEQ and EPA 2005-06-31 Sampling Pictures ADEQ1 ADEQ and EPA 2005-06-31 Sampling Documents ADEQ1 ADEQ and EPA 3 Sampling Pictures Report ADEQ1 ADEQ and EPA 3 Sampling Pictures EPA Sampling Pictures ADEQ1 ADEQ and EPA 2005-06-31 Sampling Pictures EPA Sampling Pictures ADEQ1 ADEQ and EPA 2005-06-31 Sampling Pictures EPA Sampling Pictures EPA Sampling Pictures ADEQ1 ADEQ and EPA 2005-06-31 Sampling Pictures EPA Sampling Pictures EPA Sampling Pictures ADEQ1 ADEQ and EPA 2005-06-31 Sampling Pictures EPA Sampling Pictures ADEQ1 ADEQ and EPA 2005-06-31 Sampling Pictures EPA Sampling Pictures ADEQ1 ADEQ and EPA 2005-06-31 Sampling Pictures EPA Sampling Pictures EPA Sampling Pictures ADEQ1 ADEQ and EPA 2005-06-31 Sampling Pictures EPA Sam		Report										
Report R				IMG_0112.JPG	Trip Report Photo 112, no legend.	N	No relevant information.	3/31/2006				
ADEQ1 ADEQ and EPA 2005-06-31 Sampling Report ADEQ1 ADEQ and EPA 2005-06-31 Sampling Report ADEQ1 ADEQ and EPA 2005-06-31 Sampling Report ADEQ1 ADEQ and EPA 2005-06-31 Sampling Pictures ADEQ1 ADEQ and EPA 2005-06-31 Sampling Pictures ADEQ1 ADEQ and EPA 2005-06-31 ADEQ1 ADEQ and EPA 3005-06-31	Documents		Pictures									
Documents Report	ADEO1 ADEO and CDA		Compling	IMC 0114 IDC	Trin Penert Photo 114, no logand	l N	No relevant information	2/21/2000	-			_
ADEQ1 ADEQ and EPA 2005-06-31 Sampling Pictures PA Sampling Pictures Picture		EPA Sampling		IMG_U114.JPG	Trip report Prioto 114, no legena.	IN IN	no relevant information.	3/31/2006				
Documents EPA Sampling Report ADEQ1 ADEQ and EPA 2005-06-31 Sampling Pictures ADEQ1 ADEQ and EPA 2005-06-31 Sampling Documents EPA Sampling Pictures Report Sampling Documents EPA Sampling Pictures Report Sampling Pictures Report Sampling Pictures Report Sampling Pictures Sampling Picture	ADEQ1 ADEQ and EPA		Sampling	IMG 0115 IPG	Trip Report Photo 115, no legend	N	No relevant information.	3/31/2006			-	
ADEQ1 ADEQ and EPA 2005-06-31 Documents EPA Sampling Pictures P		EPA Sampling						3,31,2300				
Documents	ADEQ1 ADEQ and FPA		Sampling	IMG 0116JPG	Trip Report Photo 116, no legend. Groundwater	l N	No relevant information.	3/31/2006				
Report						"		3,52,2300				
Documents		Report										
Report		2005-06-31	Sampling	IMG_0117.JPG	Trip Report Photo 117, no legend.	N	No relevant information.	3/31/2006				
ADEQ1 ADEQ and EPA Documents 2005-06-31 Pictures Sampling Pictures IMG_0118 JPG Trip Report Photo 118, no legend. N No relevant information. 3/31/2006 ADEQ1 ADEQ and EPA Documents EPA Sampling Pictures Sampling Pictures N No relevant information. 3/31/2006 ADEQ1 ADEQ and EPA Documents EPA Sampling Pictures IMG_0119 JPG Trip Report Photo 119, no legend. N No relevant information. 3/31/2006	Documents		rictures									
Documents EPA Sampling Pictures Report Report Poto Pictures P	ADEO1 ADEO and EPA		Sampling	IMG 0118 IPG	Trip Report Photo 118, no legend	l N	No relevant information	3/31/2006	-	+	+	
ADEQ1 ADEQ1 and EPA Documents 2005-06-31 EPA Sampling Pictures IMG_0119JPG Trip Report Photo 119, no legend. N No relevant information. 3/31/2006		EPA Sampling			p report riote 220, no legend.	"		3,31,2000				
Documents											\rightarrow	
				IMG_0119JPG	Trip Report Photo 119, no legend.	N	No relevant information.	3/31/2006				
Keport	Documents		Pictures			1						
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ADEQ1	ADEQ and EPA		Sampling		IMG_0120.JPG	Trip Report Photo 120, no legend.	N	No relevant information.	3/31/2006				
	Documents	EPA Sampling	Pictures										
		Report											
ADEQ1	ADEQ and EPA	2005-06-31	Sampling		IMG_0121.JPG	Trip Report Photo 121, no legend.	N	No relevant information.	3/31/2006				
	Documents	EPA Sampling					10.0						
	Documents	Report	i iccures										
10501	ADEO EDA		C		MAC 0122 IDC	T-1- B+ Bl+- 122 II	N	No relevant information.	2/24/2006			_	_
ADEQI	ADEQ and EPA		Sampling		IMG_0122.JPG	Trip Report Photo 122, no legend.	I N	No relevant information.	3/31/2006				
	Documents	EPA Sampling	Pictures										
		Report											
ADEQ1	ADEQ and EPA	2005-06-31	Sampling		IMG_0123.JPG	Trip Report Photo 123, no legend.	N	No relevant information.	3/31/2006				
	Documents	EPA Sampling	Pictures										
		Report											
ADEO1	ADEQ and EPA		Compling		IMG_0124.JPG	Trin Panart Photo 124 no logand	N	No relevant information.	3/31/2006		_	1	_
ADEQI			Sampling		IIVIG_0124.JFG	Trip Report Photo 124, no legend.	JN JN	No relevant information.	3/31/2006				
	Documents	EPA Sampling	Pictures										
		Report											
ADEQ1	ADEQ and EPA	2005-06-31	Sampling		IMG_0125.JPG	Trip Report Photo 125, no legend. Groundwater	N	No relevant information.	3/31/2006				1
	Documents	EPA Sampling	Pictures			sampling.	1						
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ADFO1	ADEQ and EPA		Sampling	<u> </u>	IMG_0126.JPG	Trip Report Photo 126, no legend.	N	No relevant information.	3/31/2006		_	1	
ADEQI	Documents	EPA Sampling			INTO_01203FG	The Report Friedo 120, no legend.		THO TELEVATION MICHIGAN	3/31/2000				
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ADEQ1	ADEQ and EPA		Sampling		IMG_0127.JPG	Trip Report Photo 127, no legend. Impoundment.	N	No relevant information.	3/31/2006				1
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ADEQ1	ADEQ and EPA		Sampling		IMG_0128.JPG	Trip Report Photo 128, no legend. Impoundment.	N	No relevant information.	3/31/2006				
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ADEQ1	ADEQ and EPA		Sampling		IMG_0129.JPG	Trip Report Photo 129, no legend. Impoundment.	N	No relevant information.	3/31/2006				1
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ADEQ1	ADEQ and EPA	2005-06-31	Sampling		IMG_0130.JPG	Trip Report Photo 130, no legend. Impoundment.	N	No relevant information.	3/31/2006				
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ADEO1	ADEQ and EPA		Sampling		IMG_0131.JPG	Trip Report Photo 131, no legend. Impoundment.	N	No relevant information.	3/31/2006				
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ADEQ1	ADEQ and EPA		Sampling		IMG_0132.JPG	Trip Report Photo 132, no legend. Impoundment.	N	No relevant information.	3/31/2006				
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ADEO1	ADEQ and EPA		Sampling		IMG_0133.JPG	Trip Report Photo 133, no legend. Impoundment.	N	No relevant information.	3/31/2006	<u> </u>			
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ADEQ1	ADEQ and EPA		Sampling		IMG_0134.JPG	Trip Report Photo 134, no legend.	N	No relevant information.	3/31/2006				
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ADEQ1	ADEQ and EPA	2005-06-31	Sampling		IMG_0135.JPG	Trip Report Photo 135, no legend.	N	No relevant information.	3/31/2006				
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ADEO1	ADEQ and EPA		Sampling		IMG_0136.JPG	Trip Report Photo 136, no legend.	N	No relevant information.	3/31/2006			_	
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ADEQ1	ADEQ and EPA		Sampling		IMG_0137.JPG	Trip Report Photo 137, no legend.	N	No relevant information.	3/31/2006				
	Documents	EPA Sampling	Pictures				1						
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ADEO1	ADEQ and EPA	2005-06-31	Sampling		IMG_0138.JPG	Trip Report Photo 138, no legend. Groundwater	N	No relevant information.	3/31/2006				
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ADEC1	ADEO and CDA		Compling	—	IMC 0130 IDC	Trip Report Photo 130, no logand, Ground	N	No relevant information	2/21/2000				_
ADEQI	ADEQ and EPA		Sampling		IMG_0139.JPG	Trip Report Photo 139, no legend. Groundwater	N	No relevant information.	3/31/2006				
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ADEQ1	ADEQ and EPA		Sampling		IMG_0140.JPG	Trip Report Photo 140, no legend.	N	No relevant information.	3/31/2006				
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ADEO1	ADEQ and EPA		Sampling	1	IMG_0141.JPG	Trip Report Photo 141, no legend.	N	No relevant information.	3/31/2006				
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ADEQ1	ADEQ and EPA	2005-06-31	Sampling		IMG_0142.JPG	Trip Report Photo 142, no legend.	N	No relevant information.	3/31/2006				
	Documents	EPA Sampling	Pictures				1						
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ADEQ1	ADEQ and EPA		Sampling		IMG_0143.JPG	Trip Report Photo 143, no legend.	N	No relevant information.	3/31/2006				
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ADEQ1 ADEQ and EPA		Sampling	IMG_0145.JPG	Trip Report Photo 145, no legend. Groundwater	N	No relevant information.	3/31/2006					i l
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ADEQ1 ADEQ and EPA		Sampling	IMG_0146.JPG	Trip Report Photo 146, no legend.	N	No relevant information.	3/31/2006					i I
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ADEQ1 ADEQ and EPA	A 2005-06-31	Sampling	IMG_0147.JPG	Trip Report Photo 147, no legend.	N	No relevant information.	3/31/2006					$\overline{}$
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ADEQ1 ADEQ and EPA	A 2005-06-31	Sampling	IMG_0148.JPG	Trip Report Photo 148, no legend.	N	No relevant information.	3/31/2006		\neg			
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ADEQ1 ADEQ and EPA		Sampling	IMG_0149.JPG	Trip Report Photo 149, no legend.	N	No relevant information.	3/31/2006					i l
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ADEQ1 ADEQ and EPA		Sampling	IMG_0150.JPG	Trip Report Photo 150, no legend.	N	No relevant information.	3/31/2006					i l
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ADEQ1 ADEQ and EPA	A 2005-06-31	Sampling	IMG_0151.JPG	Trip Report Photo 151, no legend. Groundwater	N	No relevant information.	3/31/2006		- 1		1	i l
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ADEQ1 ADEQ and EPA		Sampling	IMG_0152.JPG	Trip Report Photo 152, no legend.	N	No relevant information.	3/31/2006					$\overline{}$
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ADEQ1 ADEQ and EPA		Sampling	IMG_0153.JPG	Trip Report Photo 153, no legend.	N	No relevant information.	3/31/2006		\rightarrow			$\overline{}$
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ADEQ1 ADEQ and EPA	A 2005-06-31	Sampling	IMG_0155.JPG	Trip Report Photo 155, no legend.	N	No relevant information.	3/31/2006					i l
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ADEQ1 ADEQ and EPA		Sampling	IMG_0156.JPG	Trip Report Photo 156, no legend. Monitoring well.	N	No relevant information.	3/31/2006					$\overline{}$
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			IMG_0157.3PG	Trip Report Photo 157, no legend. Monitoring well.	N	No relevant information.	3/31/2006					i l
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ADEQ1 ADEQ and EPA		Sampling	IMG_0158.JPG	Trip Report Photo 158, no legend.	N	No relevant information.	3/31/2006					i I
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ADEQ1 ADEQ and EPA	A 2005-06-31	Sampling	IMG_0159.JPG	Trip Report Photo 159, no legend.	N	No relevant information.	3/31/2006					
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ADEQ1 ADEQ and EPA		Sampling	IMG_0160.JPG	Trip Report Photo 160, no legend.	N	No relevant information.	3/31/2006					$\overline{}$
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ADEQ1 ADEQ and EPA		Sampling	IMG_0162.JPG	Trip Report Photo 162, no legend.	N	No relevant information.	3/31/2006					(I
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ADEQ1 ADEQ and EPA	A 2005-06-31	Sampling	IMG_0163.JPG	Trip Report Photo 163, no legend.	N	No relevant information.	3/31/2006					
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ADEQ1 ADEQ and EPA		Sampling	IMG_0164.JPG	Trip Report Photo 164, no legend. Monitoring well.	N	No relevant information.	3/31/2006					
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ADEO1 ADEO 25 4 504		Campling	IMG 0165 IDG	Trin Banart Bhota 165, no logand	N	No relevant information	2/21/2000		\rightarrow	1	-	$\overline{}$
ADEQ1 ADEQ and EPA		Sampling	IMG_0165.JPG	Trip Report Photo 165, no legend.	N	No relevant information.	3/31/2006					1 1
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ADEQ1 ADEQ and EPA	A 2005-06-31	Sampling	IMG_0167.JPG	Trip Report Photo 167, no legend.	N	No relevant information.	3/31/2006		Т			
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ADEQ1 ADEQ and EPA	KADD		\$ estimate - Alternative S2C - in situ	Detailed cost estimate for Soil Remedy Alternative S2c:	N	No relevant information.	Undated		2			(
Documents			stabilization.pdf	In Situ Stabilization					_			\vdash
ADEQ1 ADEQ and EPA	A RADD	1 1	\$ estimate - Alternative S2C - in situ	Excel version of detailed cost estimate for Soil Remedy	N	No relevant information.	Undated		2		- 1	1 1
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Documents			stabilization.xls	Alternative S2c: In Situ Stabilization								

ADEQ1	ADEQ and EPA Documents	RADD	\$ estimate - Alternative S4C - SVE for Unit 6 (1 of3).pdf	Detailed cost estimate for Soil Remedy Alternative S4c: Soil Vapor Extraction (decommissioning)	N	No relevant information.	Undated	2		
ADEQ1	ADEQ and EPA Documents	RADD	\$ estimate - Alternative S4C - SVE for Unit 6 - 2.pdf	Detailed cost estimate for Soil Remedy Alternative S4c: Soil Vapor Extraction (annual)	N	No relevant information.	Undated	2		
ADEQ1	ADEQ and EPA Documents	RADD	\$ estimate - Alternative S4C - SVE for Unit 6- 3.pdf		N	No relevant information.	Undated	2		
ADEQ1	ADEQ and EPA Documents	RADD	\$ estimate - Alternative S4C - SVE for Unit 6.xls		N	No relevant information.	Undated	2		
	ADEQ and EPA Documents		2010-02-24 Draft RADD (dated February 24, 2010).pdf	Draft Remedial Action Decision Document (RADD) issued by ADEQ for comments by public on site clean- up plans.	Y	Site produced variety of agricultural and organic chemicals, including insecticides, herbicides, polymers, & organic intermediates (page 8). Also mentioned as producing methoxychlor in 1970 and includes lists of chemicals produced at each of 6 production Units (page 8). Groundwater contaminants listed (pages 11 and 12). COCs listed for soil and GW (Tables 2A and 2B on pages 17 and 18). Removal action included inventory of chemicals removed from the site (Appendix A) which has a Chemicals/Manifest Summary with IL or AR manifest numbers, name of Transporter, but not Generator, and date range 08/14/2003-10/06/2003 (pages 54-62).	2/24/2010	67		
	ADEQ and EPA Documents		2010-03-18 AECOM comments on RADD.pdf	AECOM's review of RADD, with comments submitted to ADEQ on behalf of Tyco Fire Products LP, FKA Ansul, FKA Wormald. Comments included disputes of client participation and disagreements with earlier AECOM reports.	Y	References potentially useful earlier reports by AECOM: e.g., SI report, FFS report, FS report. Comments mention discrepancies between listed COCs and health-based standards (page 2).	3/18/2010	7		
7	ADEQ and EPA Documents		2010-03-18 Ann Faitz comments on RADD.pdf	Review of RADD by attorney Ann Faitz, on behalf of Tyco Fire Products LP, FKA Ansul, FKA Wormald. Comments included disputes with site history, phraseology, and disagreements with earlier documents.	N	No relevant information.	3/18/2010	5		
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-22 Letter by local citizen.pdf	Letter from local citizen, Charles M. Tappen, advocating redevelopment of the site to replace at least some of the jobs provided by the site in the past.	N	No relevant information.	3/22/2010	2		
3.0	ADEQ and EPA Documents	RADD	2010-03-24 Exxon comments on RADD.pdf	Review of RADD by attorneys on behalf of ExxonMobil and Helena Chemical. Comments included agreement with earlier Facility Investigation report (FIR) and CCR (Current Conditions Report) and disputes RADD's disagreement with them.	N	No relevant information.	3/25/2010	6		
	ADEQ and EPA Documents	RADD	2010-04-20 DRAFT RADD.doc	Word version of Draft Remedial Action Decision Document (RADD) in track changes mode. No title page; no author specified, although assumed to be ADEO.	N	No relevant information.	4/20/2010	42		
	ADEQ and EPA Documents	RADD	2010-04-22 Cedar RADD Response to Commentsa.doc	Draft Word version in track changes mode of Response to Comments & Final Decision on RADD by ADEQ with emphasis on remedies not chemical or processes.		No relevant information.	4/22/2010	29		
	ADEQ and EPA Documents	RADD	2010-05-04 clay's responses.doc	Draft word version of single response to an AECOM question/comment re retention of some structures on site by new owner, rather than complete demolition	N	No relevant information.	5/1/2010	1		
	ADEQ and EPA Documents	RADD	2010-05-07 DRAFT RADD.doc	Word version of Draft Remedial Action Decision Document (RADD) in track changes mode. Spot check suggests it is the same file as version dated 04/20/2010	N	No relevant information.	5/7/2010	42		
ADEQ1	ADEQ and EPA Documents	RADD	2010-06-02 Cedar RADD Response to Comments b.doc	Draft Word version in track changes mode of Response to Comments & Final Decision on RADD by ADEQ. Includes minor changes (spelling correction, deletion, added text) related to redevelopment.	N	No relevant information.	6/2/2010	30		
	ADEQ and EPA Documents		2010-06-02 Cedar RADD Response to Commentsa.doc	Draft Word version in track changes mode of Response to Comments & Final Decision on RADD by ADEQ. Spot check suggests this is very similar to the file as the one dated 04/22/2010.	N	No relevant information.	6/2/2010	29		
	ADEQ and EPA Documents		2010-06-02 RADD.doc	Word version of Remedial Action Decision Document (RADD) in track changes mode. Spot check suggests it is the same file as Draft dated 05/07/2010, except for spacing.	N	No relevant information.	6/2/2010	42		
ADEQ1	ADEQ and EPA Documents	RADD	2010-06-03 Cedar RADD Response to Comments c.doc	Word version in track changes mode of Response to Comments & Final Decision on RADD by ADEQ. Virtually the same as 6/02/2010 version. Larger page count from formatting and added page breaks, not additional text.	N	No relevant information.	6/3/2010	34		

ADEQ1	ADEQ and EPA Documents	RADD			2010-06-03 Final RADD.pdf	PDF file of Final Response to Comments & Final Decision on the RADD Document with attached Final RADD. Includes comments from Harcros Chemical/ Quapaw Products, and from Allan Gares on behalf of Helena Chemical Co.	Y	Final RADD includes input from Comments to finalize, adjust and add information for SWMUs, for what is generated at production Units 1-6, for the COCs for soils (using both health protective screening limits and groundwater protection screening levels, for COCs for on-site perched groundwater, for on-site alluvial groundwater and off-site alluvial groundwater. Appendix A, Chemicals/Manifest Summary unchanged.	6/3/2010	123		
	ADEQ and EPA Documents	RADD			2010-06-03 RADD.doc	Undated Word document in track changes mode w/o title page. Appears to be the RADD. Comparison with Word document of the RADD dated 05/02/2010 shows same edits but some difference information so that the two are not identical.	N	No relevant information.	6/3/2010	40		
	ADEQ and EPA Documents	RADD			2010-07-07 alternative comparizon - RADD vs. FS.xls	Excel spreadsheet showing costs for different remediation methods proposed in the RADD vs. the FS for four methods: SVE, stabilization, alluvial aquifer blodegradation, and perched zone pilot study. The ALD (justification for each method is listed with the table.	N	No relevant information.	7/7/2010	1		
	ADEQ and EPA Documents	RADD			2010-07-07 RADD vs FS.doc	Word document titled Explanation of Significant Differences ADEQ RADD vs. AMEC FS.	Y	Document describes different ways in which COCs can be defined. Included are comparisons of two soil remediation methods: in situ stabilization and soil vapor extraction (SVE) and a comparison of building demolition plans. Soil treatment included areas treated and cost. The justification for soil treatment was to reduce source of dinoseb to the perched aquifer. Keeping selected buildings was per stipulations in lease of site to Quapaw LLC.	7/7/2010	2		
	ADEQ and EPA Documents	RADD			Appendix A RADD.pdf	Copy of RADD Appendix A Chemicals/Manifest Summary with information source not listed.	N	No relevant information.	1/27/2010	9		
ADEQ1	ADEQ and EPA Documents	RADD			Cedar Chemical Draft RADD.pdf	Draft RADD for Cedar Chemical - earlier version than 02/24/2010. Based on spot check, text is the same with two dates highlighted. Difference in page count because earlier version does not have eight pages of figures.	N	No relevant information.	1/30/2010	59		
	ADEQ and EPA Documents	RADD			Cindy's folder.lnk	Broken shortcut	N	No relevant information.	NA	NA		
ADEQ1	ADEQ and EPA	RADD			cover page.doc	Cover page for RADD dated June 2010	N	No relevant information.	06/00/201	1		
	Documents ADEQ and EPA	RADD			Figures from AMEC Feasibility Study	Six Figures (out of order) from FS (no. 1, 3-7); figures		No relevant information.	0 Undated	7		
	Documents ADEQ and EPA	RADD			(revision 01).pdf Jim's Folder.lnk	also used in the RADD Broken shortcut	N	No relevant information.	NA	NA		
	Documents											
	ADEQ and EPA Documents	RADD			Memo to Tammie - Allen Gates Public Hearing trascription1.doc	Word document of an Internal ADEQ memo about a public hearing with a passage quoted by Allen Gates, representing Helena Chemical Co. Gates spoke of reuse options for the site, specifically Harros/ Quapaw's ideas and stated the Council supported reuse of the site as a way to save money, maintain site security, etc. Gates asked if the RADD could be revised to include a re-use option.	N	No relevant information.	3/16/2010	2		
	ADEQ and EPA Documents	RADD			Memo to water division.doc	Word document of an Internal ADEQ memo transmitting a Draft version of the RADD for question or comments.	N	No relevant information.	1/15/2009	1		
	ADEQ and EPA Documents	RADD			Public Notice - Fact Sheet.doc	Word document of the ADEQ's Notice of the RADD Fact Sheet notifying the public of the release of a draft report with 30 days for submitting comments or questions with contact information. Factsheet includes brief site history and non-specific contaminant concerns.	N	No relevant information.	1/30/2010	2		
	ADEQ and EPA Documents	RADD			RADD Figures.pdf	Figures 1 - 7 from the RADD. Duplicates of figures in the FS	N	No relevant information.	undated	7		
ADEQ1	ADEQ and EPA Documents	RADD			Working Files - RADD.lnk	Broken shortcut	N	No relevant information.	NA	NA		
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC		Separate Agreement to COA dated 03/22/2007, between Wormald (NKA Ansul)/ExxonMobil Chemical Co. /Helena Chemical Co. and ADEQ to conduct an SI and FS. The three parties on 08/08/2007 agreed to do Current Conditions Report, SI Work Plan, an SI Report, and an FS under terms of original CAO.	N	No relevant information.	3/25/2008	5		
	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2008-05-16 9th Monthly Status Report.pdf	Monthly Status Report for April 2008 from GeoMatrix on behalf of ExxonMobil Chemical Co. and Helena Chemical Co to ADEQ. Summarized work done and planned: no relevant specifics.	N	No relevant information.	3/24/2008- 4/30/2008	4		
	ADEQ and EPA	RADD	2010-03-16	AMEC	2008-05-27 Supplement to FI WP	Figure 1: Map of groundwater and soil sampling	Υ	Map locations are color-coded for various exceedences of the different	5/27/2008	1		
	Documents		Documents requested by lawyers		(Figure 1 - Pesticides in Soil and GW) .pdf	locations and lab results for pesticides and herbicides in March 2008.		analytes and from which groundwater horizon samples were collected, so both horizontal and vertical extents of contamination are shown.				

Page						-								
Communication Communicatio Communication Communication Communication Communication	ADEQ1	ADEQ and EPA	RADD	2010-03-16	AMEC	2008-05-27 Supplement to FI WP	Figure 2: Map of groundwater and soil sampling	Y	Map locations are color-coded for various exceedences of the different	5/27/2008		1		
March Marc		Documents		Documents		(Figure 2 - VOCs in Soil and GW).pdf	locations and lab results for VOCs in March 2008.		VOC analytes and from which groundwater horizon samples were					
March Marc				requested by					collected, so both horizontal and vertical extents of contamination are					
Page				lawyers					shown.					
Page	ADEQ1	ADEQ and EPA	RADD		AMEC	2008-05-27 Supplement to FI WP	Figure 3: Map of groundwater and soil sampling	Y		5/27/2008		1		
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Column C		Documents		D G G G III C I I C I		(i igare 3 - 3 v oes in son and ovv).par	locations and lab results for voes in March 2000.							
March Marc														
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Mathematical Properties Mathematical Pro	ADEQI		KADD		AIVIEC		Figure 4: Well Construction Diagram.	IN	No relevant information.	4/30/2008		1		
April Decign 10 Decign		Documents				(Figure 4 Well Construction Detail).pdf								
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ACCC ACC 20 PM ACC 2				lawyers			objectives of the planned groundwater monitoring							
Months Comments							system.							
Montange	ADEQ1	ADEQ and EPA	RADD	2010-03-16	AMEC	2008-05-30 Figure - proposed alluvial off-	Map showing proposed off-site well locations.	N	No relevant information.	5/30/2008		1		
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REGI ADEQ and EPA RADD Documents Robert Rob			TOTO		- Invice			152	No relevant information.	3,12,2000		-		
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requested by lawyers Co. and Helena Chemical Co. herbicides/pesticides in soil and groundwater; chlorinated hydrocarbons in groundwater results from the drum vault. The report also had a cross section of the site showing the subsurface. Tabulated data included two quarters of sampling, spring and summer 2008. The full report is to be submitted in January 2009. ADEQI ADEQ and EPA Documents ADEQ Documents AMEC Documents Fequested by AMEC Documents Feque			KAUD		AIVIEC			, T		""""""		/3		
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		Documents										- 1		
							reported no site activities in December 2008.					- 1		
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ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-02-24 AMEC Facility Investigation Report.pdf	Facility investigation (F) Report submitted to the ADEQ by AMEC on behalf of ExxonMobil Chemical Co. and Helena Chemical Co.	Y	Report identified long term COCs in soil and groundwater beyond site boundaries (page 10-11). Other findings included: confirmation that perched aquifer had low transmissivity; therefore, small role in spreading contaminants laterally (page 23). Alluvial aquifers sourced by perched, with groundwater gradient rather flat and to SE and SW (page 24). Transmissivity higher in Alluvial aquifer. Plotted / discussed horizontal and vertical extents of various VOCs and SVOCs in soils above regulatory standards; some pesticides; metal concentrations in soils generally low compared to background results. Groundwater: some VOCs, SVOCs, pesticides in perched aquifer above regulatory standards (page 27); similar in alluvial aquifer but lower concentrations suggesting perched is the source and clay impedes downward flow (page 29). Text, tables and maps show distribution laterally and with depth and comparison of historical and current data to define trends (page 31). Data analyzed statistically (pages 35-36). Report concluded much of "contaminant mass" is in soil of the perched zone (page 38).	2/24/2009	11/16/200 7- 11/07/200 8	351
	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-04-22 Letter to AMEC - comments on FI Report.pdf	ADEQ review of the FI Report listed gaps & questions for AMEC	N	No relevant information.	4/22/2009		2
	ADEQ and EPA Documents		2010-03-16 Documents requested by lawyers	AMEC	2009-05-29 Letter to ADEQ - Replacement pages for FI Report.pdf	AMEC responses to ADEQ questions/issues on the FI Report.	Υ	Responses included sources of perched zone historic data and other historic data in Table 11 (pages 1 and 2); accurate locations of off-site wells (pages 2 and 3).	5/29/2009		24
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-06-04 Letter to AMEC - approval of FI Report and request for change pages.pdf	ADEQ's review of AMEC's responses and approval of the FI report with a request to submit a final version.	N	No relevant information.	6/4/2009		3
	ADEQ and EPA Documents		2010-03-16 Documents requested by lawyers	AMEC	2009-06-16 Letter to ADEQ - submittal of change pages for FI Report.pdf	AMEC's submittal of replacement pages to finalize the FI report	Y	Replacement Table 11 (historical data comparison) (pages 8-9), addition of COC trend plots of concentrations over time (pages 11-23), and revised figures 2 and 5 (pages 25 and 26).		11/16/200 7- 11/07/200 8	27
	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-07-01 1st Quarterly Status Report.pdf	Quarterly Status Report (4/01/2009-06/30/2009) submitted by AMEC to ADEQ on behalf of ExxonMobil Chemical Co. and Helena Chemical Co.	N	No relevant information.	7/1/2009		2
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-08-11 Feasibility Study Report.pdf	AMEC's submittal of Feasibility Study Report to ADEQ on behalf of ExxonMobil Chemical Co. and Helena Chemical Co. Purpose of report is to propose remedy(ies) to address elevated levels of specified COCs, as required by the CAO dated 03/22/2007.	N	No relevant information.	8/11/2009		155
	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-10-07 2nd Quarterly Status Report.pdf	Quarterly Status Report (7/01/2009-09/30/2009) submitted by AMEC to ADEQ on behalf of ExxonMobil Chemical Co. and Helena Chemical Co.	N	No relevant information.	10/7/2009		2
	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-10-14 Letter to ADEQ - Draft FS Response to Comments.pdf	AMEC's response to ADEQ emailed comments on the FS Report	N	No relevant information.	**********		8
	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-10-28 Letter to AMEC - Response to Feasibility Study .pdf	ADEQ's response to the response received from AMEC on the FS Report	N	No relevant information.	***********		4
	ADEQ and EPA Documents		2010-03-16 Documents requested by lawyers	AMEC	2009-12-15 AMEC Feasibility Study.pdf	Submittal of Revised Feasibility Study Report by AMEC on behalf of ExconMobil Chemical Corporation and Helena Chemical Company, to ADEQ, as required under the CAO signed 03/22/2007, to address agency questions.	Y	Intent of report was to recommend a remedy to address elevated COCs identified on the site. Findings at the site relevant to choice of remedy included: (1) on-site analytic results for various COCs in soil (5 COCs above screening levels) (page 9), (2) physical parameters for perched aquifer (low hydraulic conductivity) (page 9); (3) physical parameters for alluvial aquifer (highly transmissive - 4 COCs above screening levels) (page 10), (4) source appears to be process and waste disposal area (page 10); (5) drum vaulit has elevated levels of various COCs (page 10); (6) some impact to off-site agricultural wells (page 10). Comparison with historic analytic data shows decline in concentrations of COCs (page 11). The recommended remedies are a combination of exposure control, source containment, natural attenuation, and active treatment (pages 58-59).	***************************************		217
0128	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	Ansul	2009-01-09 CAO LIS No. 07-027 (Wormald Seperate Agreement).pdf	Wormald U.S., Inc. NKA Ansul Incorporated, one of the parties to the 03/22/2007 CAO, executed a Separate Agreement with the ADEQ to prepare a Site Investigation Work Plan (SIWP), a Site Investigation Report, and a Feasibility Study, to fill in data gaps not covered in earlier investigations.	N	Duplicate of ADEQI/Ansul, Tyco, Wormald/2009-01-09 CAO LIS No. 07- 027 (Wormald Separate Agreement). PDF	1/9/2009		5

ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by	Ansul	2009-01-22 Site Investigation Work Plan.pdf	AECOM submitted the Wormald Site Investigation Work Plan to ADEQ on behalf of Tyco Safety Products - Ansul Incorporated.	N	No relevant information.	1/22/2009		65		
ADEQ1	ADEQ and EPA Documents	RADD	lawyers 2010-03-16 Documents	Ansul	2009-03-30 Letter report to ADEQ - SI Report.pdf	Submittal of Letter Report titled Wormald Site Investigation Report, to ADEQ by AECOM on behalf of	Υ	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2009-03-30 Letter report to ADEQ - SI Report.pdf	3/30/2009		88		
			requested by lawyers			Tyco Safety Products; project objective was to investigate high levels of dinoseb at Site 3 obtained in 1996.							
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents	Ansul	2009-06-29 Site 3 Focused Feasibility Study Report.pdf	Focused Feasibility Study Report Site 3, prepared by AECOM on behalf of Tyco Safety Products with	Υ	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2009-06-29 Site 3 Focused Feasibility Study Report.pdf (dinoseb in soil)	6/29/2009	1996-2009	196		
	bocuments		requested by lawyers		Stady Reportipul	emphasis on remediation of dinoseb-impacted sub- surface soils at Site 3.		resisting study reporting tumoses in soin,					
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document		1990-06-15 Site Characterization WP.pdf	Site Characterization Work Plan on behalf of Cedar Chemical Corporation, which plans construction of a	Υ	Project prompted by excavation, which found drum vault with 2-4,6 dinitrophenol. Drums reportedly buried around 1972 (page 5). Drum	6/15/1990		94		
	Documents		Request			dichloroaniline plant.		vault defined with magnetometer survey (pages 6-7); sampling planned					
								(page 8). Documents provided do not include the actual Site Characterization report. Figure 2 (dated 1990) shows site with drum					
								vault location, original tank farm area, stormwater pond and other features not on later site maps (page 24).					
ADEQ1	ADEQ and EPA	RADD	2010-03-17		1991-10-15 Ensafe Facility Investigation	Facility investigation Preliminary Report, prepared by	Υ	Report provides picture of site while operating in 1991; five production	***************************************	1970-	169		
	Documents		Document Request		Preliminary Report.pdf	Environmental & Safety Designs, Inc. for Cedar Chemical Corporation under a CAO issued by the		units, a "biological treatment system," and closed surface impoundments (page 5). All hazardous materials/waste treated in		10/15/199 1			
						ADPC&E (NKA ADEQ).		"biological treatment system," and discharges under NPDES permit (page 7). Report describes basics of operations, size of operations (page					
								10), method of hazardous waste treatment and disposal off-site (page					
								10); transporters are listed (page 11). On-site disposal (pre-ownership by Cedar Chemical, i.e., 1971-1973) in unlined earthen ponds. Wastes					
								disposed of included those from off-site facilities. One pond used to					
								neutralize acidic chemicals. Drums (~300) buried on-site by prior owner/operator in concrete vault; Cedar Chemical to remove same per					
								CAO (page 12). Site had numerous SWMUs (Figure 3.1, page 22) and was subject to several CAOs (pages 17-18). July 29, 1986 memo from					
								contractor to EPA has site operations history and sampling results					
ADEQ1	ADEQ and EPA	RADD	2010-03-17		1992-04-15 Preliminary Facility	Facility Investigation Preliminary Report for Cedar	Υ	(pages 129-131). Expanded revised version of 10/15/1991 version. Pages somewhat out	4/10/1992	1970-	337		
	Documents		Document Request		Investigation Report.pdf	Chemical Corporation by Environmental and Safety Designs, Inc.		of order; Table 2-1 has processes by unit, including feed, product, and gaseous, liquid and solid waste streams (pages 17-22); Table 2-2 list		4/15/1992			
			nequest			besigns, me.		hazardous wastes generated at the site (pages 25-27) and reportedly					
								disposed of off-site. Exceptions were three on-site ponds, which received propionic acid wastes, Calcium chloride brine from an					
								insecticide process, and sulphuric acid waste; one was used to neutralize acidic wastes with limestone. Wastes also from Helena Chemical off-site					
								location up to 1976; no specifics available. Ponds were closed in 1978					
								with a clay-bentonite cap (page 25). Table 3.1 lists 74 SWMUs (pages 43 46). Has additional reports in App. D (starting on page 157).					
ADEQ1	ADEQ and EPA	RADD	2010-03-17		1993-12-16 Technical Memorandum.pdf	Technical Memorandum (subject: Investigation	N	No relevant information.	***********		288		
	Documents		Document Request			Summary and Analytic Results) prepared for Cedar Chemical Corporation by Environmental and Safety							
						Designs, Inc. and submitted to the ADPC&E report is procedural with analytic data.							
ADEQ1	ADEQ and EPA	RADD	2010-03-17 Document		1994-06-21 Phase II Facility Investigation WP.pdf	Revised Phase II Facility Investigation Work Plan submitted to ADEO by Environmental and Safety	N	No relevant information.	6/21/1994		83		
	Documents		Request		WP.pat	Designs, Inc. on behalf of Cedar Chemical Corporation							
						to address ADEQ comments. Objectives of Phase II are to determine extent of COCs identified in FI.							
ADEO1	ADEQ and EPA	RADD	2010-03-17		1996-06-28 Ensafe El Report Volume I pdf	Facility Investigation Volume I, prepared for Cedar	Y	Only waste propionic acid, sodium hypochlorite scrubber liquor treated	6/28/1996		225		
710242	Documents		Document		2550 00 20 Ensure Trineport Volume iipar	Chemical Corporation by Environmental and Safety		on-site "to remove corrosivity." Pre Cedar Chemical ownership, onsite	0,20,2550				
			Request			Designs, Inc.		disposal included waste water into unlined ponds from site and off-site activities, including propionic acid wastes, dichloroanilline, calcium					
								chloride, sulfuric acid; ponds "closed" in 1978 also 3 drum disposal areas (pages 16-18). GWG S-SW - consistent between measurements but not					
								similar to 1993 report (page 167). Conclusions (page 220-225) describes					
								the "sites" w/in the Site. No index map showing locations of the 9 "sites."					
ADEQ1	ADEQ and EPA	RADD	2010-03-17		1996-06-28 Ensafe FI Report Volume	Facility Investigation Volume II, prepared for Cedar	N	No relevant information.	6/28/1996		554		
	Documents		Document Request		II.pdf	Chemical Corporation by Environmental and Safety Designs, Inc. Includes borehole logs, validated analytic							
ADEQ1	ADEQ and EPA	RADD	2010-03-17		1999-10-08 Ensafe Risk Assessment	data tables, Risk Assessment Volume I, prepared by EnSafe, Inc. on	N	No relevant information.	10/8/1999		89		
	Documents		Document Request		Volume I.pdf	behalf of Cedar Chemical Corporation, includes report text with supporting figures and tables.							
ADEQ1	ADEQ and EPA	RADD	2010-03-17		1999-10-08 Ensafe Risk Assessment	Risk Assessment Volume II (Apps A - G), prepared by	N	No relevant information.	9/23/1999		629		
	Documents		Document Request		Volume II.pdf	EnSafe, Inc. on behalf of Cedar Chemical Corporation							
)								•					

ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request	2002-01-22 Ensafe Risk Assessment Addendum.pdf	Risk Assessment Addendum, prepared by EnSafe, Inc. on behalf of Cedar Chemical Corporation to include groundwater data collected from off-site water wells down gradient of the site in order to assess risk to agricultural workers.	N	No relevant information.	1/22/2002		45		
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request	2007-11-16 Current Conditions Report (1 of 4).pdf	Submittal of Current Conditions Report (I of 4) by GeoMatrix to ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	γ	Onsite soil profile includes thicknesses and soil types to explain movement of groundwater, lateral vs. vertical transmissivity (page 15); local hydro-geology describes on-site aquifers (page 17); brief process descriptions (page 19); quarterly GW monitoring started in 1988 (page 21); one disposal pond, Site 9, was where "off spec dinoseb" was disposed of (page 31); one or ore perched aquifers beneath surface impoundments; change size/shape based on surface water; contaminated from soil; alluvial aquifer show contamination beyond site boundaries (pages 41-42); existing waste areas: drum vault, dinoseb pond, surface impoundments (page 49). historical go and soils data from 1994 w/ exceedence shaded, per appropriate Region 6 MSSL (tables p. 53-177);		12/20/199 4- 11/16/200 7	194		
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request	2007-11-16 Current Conditions Report (2 of 4) (Figures 2 - 14) .pdf	Conditions Report (2 of 4 - figures) by GeoMatrix to ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	Υ	Figures include map and two cross-sections, and distribution of 5 COCs in perched and/or alluvial aquifers.	************		12		
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request	2007-11-16 Current Conditions Report (3 of 4) (Figures 16 - 19) .pdf	Conditions Report (3 of 4 - figures) by GeoMatrix to ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	Υ	Figures of distribution in soil of four COCs.	***********		4		
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request	2007-11-16 Current Conditions Report (4 of 4) (Figures 20 - 24) .pdf	Conditions Report (4 of 4 - figures) by GeoMatrix to ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	Υ	Figures of distribution in soil of four additional COCs.	***********		4		
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request	2009-12-15 AMEC Feasibility Study.pdf	Submittal of Revised Feasibility Study Report by AMEC to ADEQ to address agency questions on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	Υ	Duplicate at ADEQ1/ADEQ and EPA Documents/RADD/2010-03-16 Documents requested by lawyers/AMEC/2009-12-15 AMEC Feasibility Study.pdf	***************************************		217		
ADEQ1	ADEQ and EPA Documents	RADD	2010-04-07 FOIA Request Documents	1985 Dioxin Memo.pdf	Ecology and Environment, Inc. Memo reporting collection and analysis of 43 samples on the site for analysis for dioxin. Analytic results showed no dioxin present in any of the samples.	N	No relevant information.	2/12/1985		2		
ADEQ1	ADEQ and EPA Documents	RADD	2010-04-07 FOIA Request Documents	1988-07-19 Hydrogeologic Study.pdf	Hydrogeologic Study of the site by Grubbs, Garner & Hoskyn, Inc. for Cedar Chemical Corporation	Y	Focus is on alluvial aquifer, approximately 25-42 ft BGS. Transmissivity varies but generally higher than overlying tighter soils. Gradient very shallow and generally to south=west	7/19/1988		52		
ADEQ1	ADEQ and EPA Documents	RADD	2010-04-07 FOIA Request Documents	4Q005SZG.pdf	Facility Investigation preliminary Report - Duplicate of ADEQ1/ADEQ and EPA Documents/RADD/2010-03-17 Document Request/1992-04-15 Preliminary Facility Investigation Report.pdf	N	Duplicate			337		
ADEQ1	ADEQ and EPA Documents	RADD	2010-04-07 FOIA Request Documents	A0006LN0.pdf	Submittal of Feasibility Study Report, revised by EnSafe, to ADPC&E to address agency questions on behalf of Cedar Chemical Company (report twice as long as earlier version, because back sides of pages scanned.)	Υ	Comments limited to new sections; App A Memo (dated 08/26/1992) re historical site operations based on testimony of former employees; in 07/19/1972 Ansul converted propanil facility to manufacture dinoseb; drum burial pits constructed 12/1992; inventory of chemicals on site as of 11/14/1972 attached.	9/15/1992		711		
	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip	2007-08-07 Well Assessment Report.pdf	Submittal of Well Assessment Report by EnSafe, Inc. for Helena Chemical Company per the CAO	Υ	Per 37 wills completed in either perched or alluvial aquifer, groundwater gradient (GWG) in the perched aquifer showed a radial pattern to the south and west with a variable gradient; GWG in the alluvial aquifer was to east-southeast and consistently at a very shallow gradient.	8/7/2007		29		
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip	2007-11-16 Current Conditions Report (1 of 4).pdf	Submittal of Current Conditions Report (I of 4) by GeoMatrix to ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	N	See path to Duplicate: ADEQ1/ADEQ and EPA Documents/RADD/2010- 03-17 Document Request/2007-11-16 Current Conditions Report (1 of 4).pdf	***************************************		194		
	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip	2007-11-16 Current Conditions Report (2 of 4) (Figures 2 - 14) .pdf	Conditions Report (2 of 4 - figures) by GeoMatrix to ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	N	See path to Duplicate: ADEQ1/ADEQ and EPA Documents/RADD/2010- 03-17 Document Request/2007-11-16 Current Conditions Report (1 of 4) (Figures 2 - 14).pdf	***********		12		
	ADEQ and EPA Documents		2010-05-03 Document Request by Trip	2007-11-16 Current Conditions Report (3 of 4) (Figures 16 - 19) .pdf	Conditions Report (3 of 4 - figures) by GeoMatrix to ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	N	See path to Duplicate: ADEQ1/ADEQ and EPA Documents/RADD/2010- 03-17 Document Request/2007-11-16 Current Conditions Report (1 of 4) (Figures 16 - 19).pdf	***********		4		
	ADEQ and EPA Documents		2010-05-03 Document Request by Trip	2007-11-16 Current Conditions Report (4 of 4) (Figures 20 - 24) .pdf	Conditions Report (4 of 4 - figures) by GeoMatrix to ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	N	See path to Duplicate: ADEQ1/ADEQ and EPA Documents/RADD/2010- 03-17 Document Request/2007-11-16 Current Conditions Report (1 of 4) (Figures 20 - 24).pdf	**********		4		
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip	2008-01-18 Facility Investigation Workplan (FI WP).pdf	Submittal of Facility Investigation Work Plan by Geomatrix to the ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company	N	No relevant information.	1/18/2008		935		

ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip	2008-03-20 Fl Work Plan (1 of 3).pdf	Submittal of Final Facility Investigation Work Plan (1 of 3) by Geomatrix to the ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company	N	No relevant information.	3/20/2008		33		
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip	2008-03-20 Fl Work Plan (2 of 3) HASP 2008.pdf	Submittal of Final Facility Investigation Work Plan (2 of 3 - Health and Safety Plan) by Geomatrix to the ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company	N	No relevant information.	3/20/2008		235		
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip	2008-03-20 Fl Work Plan (3 of 3) QAPP .pdf	Submittal of Final Facility Investigation Work Plan (3 of 3 - Quality Assurance Project Plan) by Geomatrix to the ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company	N	No relevant information.	3/20/2008		854		
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip	2008-05-27 Supplement to FI WP (Figure 1 - Pesticides in Soil and GW) .pdf	Supplement to Final Facility Investigation Work Plan - Figure 1	N	No relevant information.	5/27/2008		1		
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip	2008-05-27 Supplement to FI WP (Figure 2 - VOCs in Soil and GW).pdf	Supplement to Final Facility Investigation Work Plan - Figure 2	N	No relevant information.	5/27/2008		1		
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip	2008-05-27 Supplement to FI WP (Figure 3 - SVOCs in Soil and GW).pdf	Supplement to Final Facility Investigation Work Plan - Figure 3	N	No relevant information.	5/27/2008		1		
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip	2008-05-27 Supplement to FI WP (Figure 4 Well Construction Detail).pdf	Supplement to Final Facility Investigation Work Plan - Figure 4	N	No relevant information.	5/27/2008		1		
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip	2008-05-27 Supplement to FI WP.pdf	Submittal of Supplement to Final Facility Investigation Work Plan - Monitoring Well Installation Program	N	No relevant information.	2/27/2008		3		
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip	2009-01-22 AECOM Site Investigation Work Plan.pdf	Wormald Site Investigation Work Plan for site prepared by AECOM under Separate Agreement between Wormald (NKA Ansul) and ADEQ.	N	Duplicate at ADEQ1/Ansul, Tyco, Wormald/2009-01-22 Site Investigation Work Plan.pdf	1/22/2009		65		
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip	2009-02-24 AMEC Facility Investigation Report.pdf	Facility Investigation (FI) Report submitted to the ADEQ on behalf of ExxonMobil Chemical Co. and Helena Chemical Co. by AMEC.	Υ	Duplicate at ADEQ1/ADEQ and EPA Documents/RADD/2010-03-16 Documents requested by lawyers/AMEC/2009-02-24 AMEC Facility Investigation Report.pdf	2/24/2009	11/16/200 7- 11/07/200 8	351		
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip	2009-03-30 AECOM SI Report.pdf	Submittal of Letter Report titled Wormald Site Investigation Report, to ADEQ by AECOM on behalf of Tyco Safety Products; project objective was to investigate high levels of dinoseb at Site 3 obtained in 1996.	Y	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2009-03-30 Letter report to ADEQ - SI Report.pdf	3/30/2009	03/0/2009- 29/2009	88		
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip	2009-06-29 Site 3 Focused Feasibility Study Report.pdf	Focused Feasibility Study Report Site 3, prepared by AECOM on behalf of Tyco Safety Products with emphasis on remediation of dinoseb-impacted sub- surface soils at Site 3.	Y	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2009-06-29 Site 3 Focused Feasibility Study Report.pdf (dinoseb in soil)	6/29/2009	1996-2009	196		
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip	2009-08-11 AMEC Feasibility Study Report.pdf	AMEC's submittal of Feasibility Study Report to ADEQ on behalf of ExxonMobil Chemical Co. and Helena Chemical Co.	N	Duplicate of ADEQ1/ADEQ and EPA Documents/RADD/2010-03-16 Documents requested by lawyers/AMEC/2009-08-11 Feasibility Study Report.pdf	8/11/2009		155		
	ADEQ and EPA Documents		Administrative Record		Facility Investigation Volume I, prepared for Cedar Chemical Corporation by Environmental and Safety Designs, Inc.	Y	Duplicate of ADEQ1/ADEQ and EPA Documents/RADD/2010-03-17 Document Request/1996-06-28 Ensafe FI Report Volume I.pdf	6/28/1996		225		
ADEQ1	ADEQ and EPA Documents	RADD	Administrative Record	1996-06-28 Ensafe FI Report Volume II.pdf	Facility Investigation Volume II, prepared for Cedar Chemical Corporation by Environmental and Safety Designs, Inc. Includes borehole logs, validated analytic data tables,	N	Duplicate of ADEQ1/ADEQ and EPA Documents/RADD/2010-03-17 Document Request/1996-06-28 Ensafe FI Report Volume II.pdf	6/28/1996		554		
	ADEQ and EPA Documents		Administrative Record	2001-03-21 Ensafe Risk Assessment.pdf	Risk Assessment Report, prepared for Cedar Chemical Corporation by EnSafe, Inc.	Y	Written while site operating. Manufactures various agricultural chemicals by batch processing; combination of chemical manufacture (e.g., propani) + custom chemicals for client (none specified); 6 production units (page 23). "Chemicals of potential concern (COPC)" identified in surface and sub-surface soil and/or sediment at 7 of 8 sites (table pages 48-49). COPC in groundwater above screening levels at 6 of 8 sites (table page 50).	3/21/2001		328		
ADEQ1	ADEQ and EPA Documents	RADD	Administrative Record	2003-11-15 EPA Removal Action Report.pdf	Removal Report, prepared for Cedar Chemical Corporation by Weston Solutions, Inc. for submittal to the Environmental Protection Agency	Υ	Project objectives included characterization of chemical wastes at the site; inventory in Appendix D not included; source of Manifest Summary table (pages 14-22).	***********	7/16/2003- 11/15/200 3	23		
ADEQ1	ADEQ and EPA Documents	RADD	Administrative Record	2004-04 ADEQ Comprehensive Site Assessment.pdf	(Revised) Comprehensive Site Assessment prepared for ADEQ Brownfields Program		Report prepared to inform potential future owners/ operators. Site controlled by ADEQ since 10/18/2002. Chemicals produced (historically) listed by production unit number; no process information included (pages 15-16). List of hazardous materials/wastes removed in 2003 included (page 16).	4/00/2004		42		
	ADEQ and EPA Documents	RADD	Administrative Record		Consent Administrative Order between ADEQ and Ansul, Helena chemical, ExxonMobil Chemical	Υ	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2007-03-22 CAO LIS 07-027 (signed by the 3 PRPs).pdf	3/22/2007		16		

ADEQ1	ADEQ and EPA	RADD	Administrative	2007-08-07 Well Assessment Report.pdf	Submittal of Well Assessment Report by EnSafe, Inc. for	Υ	Duplicate of ADEQ1/ADEQ and EPA Documents/RADD/2010-05-03	8/7/2007		29		
	Documents		Record		Helena Chemical Company per the CAO		Document Request by Trip/2007-08-07 Well Assessment Report.pdf					
ADEQ1	ADEQ and EPA Documents	RADD	Administrative Record	2009-06-29 Site 3 Focused Feasibility Study Report.pdf	Focused Feasibility Study Report Site 3 prepared by AECOM on behalf of Tyco Safety Product with emphasis on dinoseb.	Υ	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2009-06-29 Site 3 Focused Feasibility Study Report.pdf (dinoseb in soil)	6/29/2009	1996-2009	196		
ADEQ1	ADEQ and EPA Documents	RADD	Administrative Record	2009-12-15 AMEC Feasibility Study.pdf	Submittal of Revised Feasibility Study Report by AMEC to ADEQ to address agency questions on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	Υ	Duplicate at ADEQ1/ADEQ and EPA Documents/RADD/2010-03-16 Documents requested by lawyers/AMEC/2009-12-15 AMEC Feasibility Study.pdf	***************************************		217		
12	ADEQ and EPA Documents		Administrative Record	Wormald Separate Agreement.pdf	Wormald U.S., Inc. NKA Ansul Incorporated, one of the parties to the 03/22/2007 CAO, executed a Separate Agreement with the ADEQ to prepare a Site Investigation Work Plan (SWP), a Site Investigation Report, and a Feasibility Study, to fill in data gaps not covered in earlier investigations.	N	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2009-01-09 CAO LIS No. 07- 027 (Wormald Separate Agreement).pdf	59 880		5		
0.00.000.000	ADEQ and EPA Documents	1,004,00-12	Figures	ADEQ Selected Remedies Figure.pdf	Figure titled Remedies Selected by ADEQ without reference to source or author	N	No relevant information.	Undated		1		
20	ADEQ and EPA Documents		Figures	Figure 2 - the site with buildings labeled.pdf	Figure 2 titled Facility Structure Location without reference to source or author	N	No relevant information.	Undated		1		
ADEQ1	ADEQ and EPA Documents	RADD	Figures	Figure 2 - the site with buildings labeled.tif	Figure 2 titled Facility Structure Location without reference to source or author; in tiff format, rather than pdf.	N	No relevant information.	Undated		1		
ADEQ1	ADEQ and EPA Documents	RADD	Figures	Figure 4 - demolition of most structures.pdf	Figure 4 titled Demolition of On-Site Structures without reference to source or author	N	No relevant information.	***************************************		1		
ADEQ1	ADEQ and EPA Documents	RADD	Figures	Figure 4 - revised - demolition of selected structures.pdf	Revised Figure 4 titled Demolition of On-Site Structures without reference to source or author	N	No relevant information.	*********		1		
ADEQ1	ADEQ and EPA Documents	RADD	Figures	Figure 5 - Soil Stabilization Alternatives.pdf	Figure 5 titled Soil Remedy Alternatives S2b and S2c - Focused Approach without reference to source or author	N	No relevant information.	Undated		1		
ADEQ1	ADEQ and EPA Documents	RADD	Figures	Figure 6 - SVE Alternatives.pdf	Figure 6 titled Soil Remedy Alternatives S4b and S4c - Soil Vapor Extraction Focused Approach without reference to source or author	N	No relevant information.	Undated		1		
ADEQ1	ADEQ and EPA Documents	RADD	Figures	Figure 7 - exposure controls.pdf	Figure 7 titled Soil Remedy Alternative S1 - Exposure Control	N	No relevant information.	Undated		1		
ADEQ1	ADEQ and EPA Documents	RADD	Figures	Figures 1 & 3.pdf	Figure 1 Site Location Map taken from EnSafe, Phase II Investigation Report, 1995 and Figure 3 SWMUs and AOCs Identified in USEPA Region 6 PR/VSI, taken from EnSafe 1903 FI Report	N	No relevant information.	Undated		2		
ADEQ1	ADEQ and EPA Documents	RADD	misc	2009-07-17 cd cover for administrative record.std	Unable to open.	N	No relevant information.	Undated		NA		
ADEQ1	ADEQ and EPA Documents	RADD	misc		letter from ADEQ to Phillips County Library conveying a CD with Cedar Chemical site materials for public review	N	No relevant information.	7/17/2009		1		
ADEQ1	ADEQ and EPA Documents	RADD	misc	2009-07-17 Routing Slip revised 2009.doc	ADEQ Hazardous waste Routing Slip documenting transfer of Administrative Record for Cedar Chemical site to Philips Co. Library	N	No relevant information.	7/17/2009		1		
ADEQ1	ADEQ and EPA Documents	RADD	misc	2009-10-05 Routing Slip revised 2009 .doc	ADEQ Hazardous Waste Routing Slip "Request Steve to Remobilize"	N	No relevant information.	10/5/2009		1		
ADEQ1	ADEQ and EPA Documents	RADD	misc	Copy of Table 1.xls	Table 1 - Evaluation of Soil Remedy Alternatives for SWMU-59, SWMU-69, SWMU-70, SWMU-71, SWMU-73, AOC-1	N	No relevant information.	Undated		1		
ADEQ1	ADEQ and EPA Documents	RADD	misc	cover page.doc	Cover Page to Remedial Action Decision Document	N	No relevant information.	04/00/201		1		
ADEQ1	ADEQ and EPA Documents	RADD	misc	DDP \$ estimate - excavation.xls	Soil Remedy Alternative: Excavation; 2 spreadsheets "RADD" and "Original"	N	No relevant information.	Undated		3		
ADEQ1	ADEQ and EPA Documents	RADD	misc	DDP \$ estimate - in situ stabilization.xls	Soil Remedy Alternative: In Situ Stabilization; 2 spreadsheets "RADD" and "Original"	N	No relevant information.	Undated		3		
ADEQ1	ADEQ and EPA Documents	RADD	misc	DRUM VAULT.doc	Drum Vault; Remedy Selection (appears to be an excerpt)	N	No relevant information.	Undated		2		
ADEQ1	ADEQ and EPA Documents	RADD	misc	Fact Sheet.doc	ADEQ Fact Sheet for Cedar Chemical (draft)	N	No relevant information.	Undated		2		
	ADEQ and EPA Documents		misc	paper).pdf	Figure XX titled Soil Remedy Alternatives S4b and S4c - Soil Vapor Extraction Focused Approach; very similar to Figure 6 titled Soil Remedy Alternatives S4b and S4c - Soil Vapor Extraction Focused Approach without reference to source or author	N	No relevant information.	Undated		1		
	ADEQ and EPA Documents	NAT SALES CONTROL OF THE PARTY	misc	Figure - former dinoseb disposal ponds Soil stabilization area and attached areas.pdf	Figure XX Area near Former Dinoseb Disposal Ponds Identified for Remediation	N	No relevant information.	Undated		1		
	ADEQ and EPA Documents		misc	Figure - former dinoseb disposal ponds.pdf	Figure XX Former Dinoseb Disposal Area; cited in AMEC Current Conditions Report	N	No relevant information.	Undated		1		
ADEQ1	ADEQ and EPA Documents	RADD	misc	Figure - Unit 6 - VOCs in perched groundwater.pdf	Figure 5 Constituents of Concern above Vapor Intrusion- Based Risk Screening Levels in Perched Zone Groundwater by AMEC Geomatrix	N	No relevant information.	7/25/2009		1		

ADEQ1	ADEQ and EPA Documents	RADD	misc	Figure - Unit 6 area to be addressed.pdf	Figure 2 Facility Structure Locations by AMEC Geomatrix; figure legend incomplete & title may not be accurate; not the same Figure 2 as below	N	No relevant information.	7/25/2009	1		
ADEQ1	ADEQ and EPA Documents	RADD	misc	Figure - Unit 6 sve system map.pdf	Figure 2 Facility Structure Locations by AMEC Geomatrix; figure legend incomplete & title may not be accurate; not the same Figure 2 as above	N	No relevant information.	7/25/2009	1		
ADEQ1	ADEQ and EPA	RADD	misc	Figure - Units 2, 3, and 4 by rr tracks.pdf	Figure XX: Units 2, 3, and 4 with areas identified with	N	No relevant information.	7/25/2009	1		
	Documents ADEQ and EPA	RADD	misc	Figure 1 - SWMUs and AOCs.pdf	red outlines to address remediation Draft Figure XXX SWMUs and AOCs Identified in USEPA	N	No relevant information.	7/25/2009	1		
	Documents				Region 6 PR/VSI, taken from EnSafe 1903 FI Report; similar to Figure 3 SWMUs and AOCs Identified in USEPA Region 6 PR/VSI; possible final version.						
ADEQ1	ADEQ and EPA Documents	RADD	misc	Figure 2 - Baseline map (big paper).pdf	Figure 2 Facility Structure Locations by AMEC Geomatrix	N	No relevant information.	7/25/2009	1		
ADEQ1	ADEQ and EPA Documents	RADD	misc	figure 8b - Stablizatin remedies S2b and S2c.pdf	Draft Figure XX titled Soil Remedy Alternatives S2b and S2c - Focused Approach without reference to source or author; later version (possibly final) is titled Figure 5.	N	No relevant information.	Undated	1		
ADEQ1	ADEQ and EPA Documents	RADD	misc	Figures from AMEC Feasibility Study.pdf	22 Figures; appear complete with titles and legends, but most have Figure number as "XX" and few have either a date or author.	N	No relevant information.	***********	22		
	ADEQ and EPA Documents	RADD	misc	former dinoseb disposal Ponds.doc	Incomplete draft of discussion of treatment of Area in Proximity to former Dinoseb Disposal Ponds	N	No relevant information.	Undated	2		
ADEQ1	ADEQ and EPA Documents	RADD	misc	on-site soils revision 01.doc	Revised discussion of treatment of On-Site Soils	N	No relevant information.	Undated	10		
ADEQ1	ADEQ and EPA Documents	RADD	misc	on-site soils.doc	Incomplete draft of discussion of treatment of On-Site Soils	N	No relevant information.	Undated	6		
ADEQ1	ADEQ and EPA	RADD	misc	Reference Page.doc	References (to unnamed document)	N	No relevant information.	Undated	1		
ADEQ1	ADEQ and EPA	RADD	misc	Soil stabilization areas.pdf	Map of Soil Stabilization Areas by AMEC; has complete title and legend, but no figure number	N	No relevant information.	***************************************	1		
ADEQ1	ADEQ and EPA Documents	RADD	misc	sve pic.bmp	Map of a portion of the site; no date, title, or legend	N	No relevant information.	Undated	1		
	ADEQ and EPA Documents	RADD	misc	table 1.pdf	Table 1: Preliminary Estimate of Design and Implementation Costs for Remedy Alternatives (from Feasibility Study Report)	N	No relevant information.	***************************************	1		
	ADEQ and EPA Documents	RADD	misc	Table 1.xis	Incomplete version of Table 1: Preliminary Estimate of Design and Implementation Costs for Remedy Alternatives (from Feasibility Study Report)	N	No relevant information.	Undated	2		
ADEQ1	ADEQ and EPA Documents	RADD	misc	Tables from R&P.xls	Appendix 1: Evaluation of AOCs & Remedial Action Selection plus 5 draft tables labeled 1, 2.1, 3	N	No relevant information.	Undated	5		
	ADEQ and EPA Documents	RADD	misc	tables in word.doc	Tables 4A, 4B, AC, AE, AF, and 4G: Evaluation of Remedy Alternatives for various media and site sub- areas; no date, author, or related document listed.	N	No relevant information.	Undated	6		
ADEQ1	ADEQ and EPA Documents	RADD	misc	template for RADD.doc	One-page list of topics to be covered in a RADD report	N	No relevant information.	Undated	1		
	ADEQ and EPA Documents	RADD	misc	Unit 6 \$ estimate - excavation.xls	Excel version of detailed cost estimate for Excavation as a soil remedy for Unit 6; spreadsheet does not reference Unit 6, but cited in file title.	N	No relevant information.	Undated	3		
	ADEQ and EPA Documents	RADD	misc	Unit 6 \$ estimate - in situ stabilization.xls	Excel version of detailed cost estimate for In Situ Stabilization as a soil remedy for Unit 6; spreadsheet does not reference Unit 6, but cited in file title.	N	No relevant information.	Undated	2		
	ADEQ and EPA Documents	RADD	misc	unit 6.doc	Draft section , possibly of a Feasibility Study report, to consider alternative remedies for Unit 6; no date, author.	N	No relevant information.	Undated	5		
ADEQ1	ADEQ and EPA Documents	RADD	misc	Unit's 2,3 & 4.doc	Draft section , possibly of a Feasibility Study report, to consider alternative remedies for Units 2, 3, and 4; no date, author.	N	No relevant information.	Undated	5		
ADEQ1	ADEQ and EPA Documents	RADD	Miscellaneous	2010-03-xx Memo - RADD response to comments.doc	Draft internal ADEQ memorandum with list of respondents that submitted public comments to the draft RADD and the agency's responses, including specific changes to RADD text. Actual comments received are not cited.	N	No relevant information.	03/00/201	4		
ADEQ1	ADEQ and EPA Documents	RADD	Miscellaneous	2010-04-12 RADD Response to Comments.doc	Draft (in track changes mode) Response to Comments on the RADD and its proposed remedy, including the ADEQ's "final decision." Includes full Comments, as submitted by six parties and agency responses. History of RADD report production, including required legal notes and comments period, also summarized. Comments include some discussion of specific COCs, but not specific process or chemical information.	N	No relevant information.	Undated	25		

ADEQ1	ADEQ and EPA	RADD	Miscellaneous	2010-04-19 Cedar RADD Response to	Later Draft (also in track changes mode) Response to	N	No relevant information.	Undated		26			
	Documents		DATA SALAM S	Comments.doc	Comments on the RADD and its proposed remedy,	000	delice delice of the control of the						
					including the ADEQ's "final decision." Includes								
					additional edits (in another color) and at least one								
		1			deletion (page 20), not shown in "track changes."								
ADEQ1	ADEQ and EPA	RADD	Miscellaneous	2010-04-19 Cedar RADD Response to	Later Draft (also in track changes mode) Response to	N	No relevant information.	Undated		27			
	Documents			Commentsa.doc	Comments on the RADD and its proposed remedy,								
				Linguista A. C. North C. Berger C. C. Celland.	including the ADEQ's "final decision." Additional edits								
					include some changes in previous version and accepted								
					include some changes in previous version and accepted								
					and some deleted. Virtually no additions specific to								
					this version.								
ADEQ1	ADEQ and EPA	RADD	Miscellaneous	RADD Response to Comments for	Appears to be early Draft (in track changes mode)	N	No relevant information.	Undated		2			
	Documents			Signature Template - for merge.doc	Response to Comments on the RADD and its proposed		and the real way was a property of the control of t						
					remedy, including the ADEQ's "final decision." This								
					version does not include any of Section D: Public								
					Comments and the Department's Response.								
ADEQ1	ADEQ and EPA	RADD	Miscellaneous	RESPONSIVENESS SUMMARY.doc	Appears to be early Draft of Section D: Public	N	No relevant information.	Undated		29			
	Documents				Comments and the Department's Response of the								
					Response to Comments on the RADD and its proposed								
					remedy, including the ADEQ's "final decision." This								
		1			version is not in track changes mode and does not			1					
		1			include some of the responses seen in later versions.			1					
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Source	Folder	Subfolder_1	Subfolder_2	Subfolder_3	Document name	General Document Description	Relevant (Y/N)	Description of Relevance	Date	Date Range	Page Count
ADEQ 2	Ensafe Documents				1987-09-25 correspondence.pdf	Correspondence between Vertac Chemical/Cedar Chemical Company and AK Dept. of Pollution Control & Ecology (DPCE) primarily regarding permitting.	Y	pp 51-59 and pp 64-77: permit transfers from Vertac to Cedar Chemical identify customers, end products and volume/year; pp 8-43 and pp 99-135: 1984 and 1985 Environmental Summary forms by month; RCRA inspections; pp 213-217: groundwater monitoring lab analysis; pp. 257-422: removal action work plan for drums and soil removal.	9/25/1987	5/25/1983 - 10/30/1991	422
ADEQ 2	Ensafe Documents				1988 correspondence.pdf	Correspondence between Vertac Chemical/Cedar Chemical and DPCE primarily regarding compliance.	Y	pp 2-20: site soil sampling report and analysis; pp 42-57: 1987 Hazardous Waste report, includes waste generate; pp173-196: description of processes and generated waste since 1980; RCRA inspections; pp 302-324: Environmental Reports (daily) for various dates; pp 333-344 1985 Biennial Hazardous Waste Report; pp 394-403: Annual Hazardous Waste Report; pp 405-428: Permit Application includes customer names and products.	Various	7/2/1981 - 8/15/1988	439
ADEQ 2	Ensafe Documents				1990 correspondence.pdf	Correspondence between Vertac Chemical/Cedar Chemical and DPCE primarily regarding compliance.	Y	p. 6: sampling data; pp 96-101: RCRA inspection; pp 102-103: correspondence concerning buried drums. Testing found propanil, a COC; p 110: memo re: soil sampling results, lists VOCs found; pp 119 -137: Ecology & Environment soils sampling report, lists contaminants found; pp 157-177: RCRA Inspection Report; pp 178-183: groundwater sampling results, includes COCs; pp 227-231 groundwater sampling results; pp 235-246: groundwater sampling results. pp 275-280: Generator Activity Report, includes waste descriptions, including COCs; pp 327: groundwater sampling results, includes COCs; pp 333-335: letter regarding tank rupture and resulting fire on site; pp 344-351: RCRA Inspection Report; p 367: soil sampling	Various	8/23/1988 - 8/27/1990	393
ADEQ 2	Ensafe Documents				1990 report about vertac stuff.pdf	Process descriptions and diagrams, MSDSs, and sampling reports.	Y	results. pp 2-34 report on Permethrin. pp 69-81: list of chemicals used by Cedar Chemical. p 111: groundwater sampling results, includes COCs. pp 123-125: MSDS for Aromasol, which containes Isomeric Trimethyl Benzene, a COC. p 141-157: process descriptions and diagrams for products, which contain COCs. p 219: list of pesticides and herbicides. pp 221-232: process description and diagrams for Propanil herbicide. pp 280-283: process description and diagram for Permethrin, which contains COCs.	Various	9/29/1981 - 12/7/1989	339
ADEQ 2	Ensafe Documents				1990-04-15 Removal Action WP.pdf	Removal Action Work Plan by Woodward-Clyde Consultants	N	pp 312-338 soil sampling report and results. No relevant information	4/15/1990	4/15/1990	62
ADEQ 2					1990-05-15 Site Characterization and Drum Disposal Area Delineation WP.pdf	Site Characterization and Drum Disposal Area Delineation Work Plan by Woodward-Clyde Consultants	N	No relevant information	5/15/1990	5/15/1990	100

ADEQ 2	Ensafe	1990-06-15 Site Characterization	Site Characterization Work Plan by	N	No relevant information	6/15/1990	6/15/1990	94
	Documents	WP.pdf	Woodward-Clyde Consultants					
DEQ 2	Ensafe	1991-10-15 Ensafe Facility	Facility Investigation Preliminary	Υ	pp 135-142: Inorganic and Organic Soil Analysis	10/15/1991	10/15/1991	169
	Documents	Investigation Preliminary Report	Report by Environmental & Safety		Summaries; pp 149-151: Concentrations of			
		.pdf	Designx, Inc. (EnSafe)		Contaminants in Soil; pp 168-169: Monitoring Well			
					Analysis Report.			
ADEQ 2		1992-04-05 Lab Data on Pits 1 & 2	Lab Analysis Reports	Υ	pp 3-93 lab analysis reports, which include COCs; pp 94-	4/5/1992	3/1/1992 -	118
	Documents	(includes Appendices A & D).pdf			118: Report of Remedial Action Activities, Phase II		4/24/1992	
					Removal of Additional Buried Drums and Contaminated			
					Soil.			
ADEQ 2		1992-04-15 Preliminary Facility	Facility Investigation Preliminary	Υ	pp 17-22: process descriptions, include process streams	4/15/1992	4/15/1992	337
	Documents	Investigation Report.pdf	Report by EnSafe		and waste streams that contain COCs; pp 42-52: waste			
					analytical data, includes COCs; pp159-176: soil sampling			
					results memorandum, includes COCs;			
					pp 179-307 Surface Impoundment Sampling and			
					Analysis Report, includes COCs; pp 318-337:			
					groundwater data, includes COCs.			
ADEQ 2	Ensafe	1993 correspondence.pdf	Correspondence between DCPE and	Υ	p 11: list of violations from 11/90 to 5/92; pp193-221:	Various	9/10/1990 -	411
	Documents		Cedar Chemical regarding compliance		1991 Annual Hazardous Waste Form, contains COCs; pp		6/1/1993	
					256-258: Dinoseb hazardous waste manifests; pp 287-			
					288: Notification of Hazardous Waste Activity form,			
					includes waste codes without descriptions; pp 301-302:			
					Dinoseb hazardous waste manifests; pp 383-392:			
					Consent Administrative Order.			
ADEQ 2	Ensafe	1993-04-26 Submittal for	Storm Water System Plan	N	No relevant information	4/26/1993	4/26/1993	65
	Documents	Stormwater retention basin.pdf						
ADEQ 2	Ensafe	1993-06-01 correspondence.pdf	Correspondence between DCPE and	Υ	This is a duplicate scan of the file "1993	6/1/1993	9/10/1990 -	526
	Documents		Cedar Chemical regarding compliance		Correspondence." The page count is different because in		6/1/1993	
					this version some pages were scanned double-sided (the			
					second page is blank).			
ADEQ 2	Ensafe	1993-11-15 correspondence.pdf	Correspondence between DCPE and	Υ	pp 14-23: PDCB analysis; p 138: sampling analysis	11/15/1993		210
	Documents		Cedar Chemical regarding compliance		results, includes COSs; p 157:Products Believed to Be			
					Produced in Commercial Quantities at West Helena Site			
					from 1970-1986, includes COCs; pp 159 -161: DPCE			
					memorandum concerning process methods and			
					contamination at the facility.			
ADEQ 2	Ensafe	1993-12-16 Technical	Technical Memorandum Prepared by	Υ	Technical Memorandum prepared by Environmental	12/16/1993	12/16/1993	288
	Documents	Memorandum.pdf,	EnSafe		and Safety Designs, Inc., Subject: Investigation Summary			
					and Analytical Results.			
ADEQ 2	Ensafe	1994-06-21 Phase II Facility	Phase II Facility Investigation Work	Υ	The Work Plan discusses results of the Phase I	6/21/1994	6/21/1994	83
	Documents	Investigation WP.pdf	Plan Prepared by EnSafe		Investigation throughout.			
ADEQ 2		1996-06-28 Ensafe FI Report	Facility Investigation Report Volume I	Υ	Report includes results of soil and water sampling	6/28/1996	6/28/1996	225
	Documents	Volume I.pdf	Prepared by EnSafe		analysis; pp 89-159: Phase I and Phase II soil and			
					sediment data; pp161-218: Phase I and Phase II			
					groundwater data; pp 220-225: conclusions.			
ADEQ 2		1996-06-28 Ensafe FI Report	Facility Investigation Report Volume II	Υ	pp 173-553: Phase I, Phase II and Phase III sampling data	6/28/1996	6/28/1996	554
	Documents	Volume II.pdf	Prepared by EnSafe		by COC			
ADEQ 2		1996-07-01 risk assessment	Risk Assessment Work Plan prepared	N	No relevant information	7/1/1996	7/1/1996	55
	Documents	workplan.pdf	by EnSafe					<u> </u>
							I come discontinuous	1
ADEQ 2	Ensafe	1996-07-06 quarterly gw	Quarterly Groundwater Monitoring	Υ	p 20: Baseline Groundwater Sampling Results, includes	7/6/1996	7/6/1996	39

ADEQ 2		1998-05-11 Letter to ADEQ - Plan	Letter from EnSafe to DCPE enclosing	N	No relevant information	5/11/1998	5/11/1998	26
	Documents	of action for submittals.pdf	an Interim Measure Plan of Action and a Risk Assessment Work Plan					
ADEQ 2	Ensafe Documents	1998-10-23 Risk Assessment WP Revision 2.pdf	Risk Assessment Work Plan, Version 2, prepared by EnSafe	N	No relevant information	10/23/1998	10/23/1998	101
ADEQ 2	Ensafe Documents	1999-10-08 Ensafe Risk Assessment Volume I.pdf	Risk Assessment Vol I, Prepared by EnSafe	Y	pp 13-14: COCs listed by site by media; pp 40-41 COCs and site locations for soil and sediment; p 64: COC by site and media; pp 79-80: ditch sediment COC concentrations.	10/8/1999	10/8/1999	89
ADEQ 2	Ensafe Documents	1999-10-08 Ensafe Risk Assessment Volume II.pdf	Risk Assessment Vol II, Prepared by EnSafe	Υ	pp 5-40: tables showing concentrations and locations of COCs; pp 64-65: non-cancer toxicity data; pp 66-67: cancer toxicity data; pp172-440: Phase I, Phase II, and Phase III surface and subsurface soil and sediment sampling data; pp 441-540: Phase I, Phase II and Phase III groundwater sampling data.	10/8/1999	10/8/1999	629
ADEQ 2	Ensafe Documents	2000-08-15 Response to NODs and Ensafe Risk Assessment.pdf	Risk Assessment, Revision 1, Prepared by EnSafe and Cedar Chemical's responses to Notice of Deficiencies	Y	pp 19-20: COCs identified for soil and sediment; p 24: COCs by site and media; p 54; COCs by site and media; pp 55-56: COCs exceeding site-specific soil screening levels; pp 85-86: COCs by site and media; pp 101-102: ditch sediment concentrations.	8/15/2000	8/15/2000	115
ADEQ 2	Ensafe Documents	2001-03-21 Ensafe Risk Assessment.pdf	Risk Assessment, Revision 2, prepared by EnSafe	Y	pp 9-10: COCs identified in soil/sediment and groundwater; p 15: COCs by site and media; pp 40-41: COCs found in soil/sediment and groundwater; p 42: COC concentrations exceeding site-specific soil screening levels; pp 72: COCs by site and media; pp 90-91: ditch sediment concentrations; pp 105-106: summary of maximum contaminant levels; pp 107-108: site-specific soil screening levels; p 109: background concentration calculation for inorganic compounds; pp 110-129: occurence distribution and selection of COCs; pp 130-143: medium-specific exposure point concentration summary; p 144: estimated air concentrations from irrigated water; pp 146-154: reasonable maximum exposure of COCs; pp 157-167: pathway-specific intake factors for COCs; pp 168-174: non-cancer toxicity data for COCs; pp 182-249: calculations for noncancer and cancer risks reasonable maximum exposure; pp 250-270: calculation of non-cancer and cancer risks central tendency exposure: pp 271-277: remedial goal options; pp 280-295: central tendency intake factor calculations: pp 298-: construction worker risk	3/21/2001	3/21/2001	320
ADEQ 2	Ensafe Documents	2001-06-07 GW monitoring report.pdf	Groundwater Monitoring Report prepared by EnSafe	Υ	pp 15-17: groundwater sampling results, hits only; p 19: comparison of 1,2 dichloroethaneconcentrations from July 1997 and April 2001; pp 22-50: groundwater monitoring analytical data.	6/7/2001	6/7/2001	50

ADEQ 2	Encafo		2001-09-21 GW Monitoring	Groundwater Monitoring Report	Υ	pp 17-18: static water elevations and organic vapor	9/21/2001	9/21/2001	65
M - W	Documents			prepared by EnSafe	•	concentrations table; pp 25-28: groundwater sampling	3/21/2001	3/21/2001	05
	bocaments		incport.pdi	prepared by Ensure		results, hits only; p 30: comparison of 1,2			
						dichloroethane concentrations from July 1997, April			
						2001 and July 2001; pp 34-65: groundwater monitoring			
ADEO 3	F		2002 04 22 5	Deeft Birly Assessment Address	W	analytical data.	1/22/2002	1 /22 /2002	45
ADEQ 2				Draft Risk Assessment Addendum	Υ	pp 22-25: analytical data; p 27: occurrence, distribution	1/22/2002	1/22/2002	45
	Documents		Assessment Addendum.pdf	prepared by EnSafe		and selection of COCs; p 29: inhalation-specific intake			
						factor; pp 30-31: non-cancer and cancer toxicity data;			
						pp 32-37 non-cancer and cancer risk reasonable			
						maximum exposure; p 38: remedial goal options; pp 40-			
						45: air concentration calculations.			
ADEQ 2	Ensafe		2007-08-07 Well Assessment	Coverletter and Well Assessment	N	No relevant information	8/7/2007	8/7/2007	29
	Documents		Report.pdf	Report prepared by EnSafe			0,7,2007	0,7,2007	
ADEQ 2				Site maps and diagrams prepared by	N	No relevant information	Various	3/1978 -	7
	Documents			Cline-Frazier				6/6/1984	
$\overline{}$	Miscellaneous		2010-03-21 News Article.pdf	Arkansas Democrat Gazette news	N	No relevant information	3/21/2010	3/21/2010	2
			·	article					
ADEQ 2	Miscellaneous		2010-12-06 Document	List of documents	N	No relevant information	12/6/2010	12/6/2010	1
,			Request.doc						
$\overline{}$	Miscellaneous		Drum Vault Schematic.PDF	Drum vault schematic	N	No relevant information	Undated	Undated	1
ADEQ 2	Miscellaneous		Operational History-	Operational History	Υ	Provides historical information regarding pesticide	Undated	Undated	7
			miscellaneous.doc			production and other operations at the site, including			
						owners and operators, from 1970 to July 2006			
ADEO 2	Miscellaneous	mississippi alluvial	Mississippi River Valley alluvial	USGS Map of Mississippi River Valley	N	No relevant information. Document links to the USGS	Undated	Undated	1
ADLQZ	iviiscellarieous	aguifer map	aguifer.mht	Alluvial Aquifer	IN	website	Olluated	Ondated	1
ADEO 3	Miscellaneous	mississippi alluvial	Point Coverage SCASMPL	Point Coverage SCASMPL: Sediment	N	No relevant information. Document links to website	2/16/2005	2/16/2005	1
ADEQ 2	iviiscellarieous	aquifer map	Sediment sample data for the	sample data for the Channel Islands	IN	No relevant information. Document links to website	2/16/2003	2/16/2003	1
		aquilei map	ACCEPTED STATE OF STATE OF CONTROL OF CONTROL OF STATE OF CONTROL OF STATE OF CONTROL OF	100-000-000-000-000-000-000-000-000-000					
			The second secon						
ADEO 3	Miscellaneous	Contracts	Channel Region.mht	Frequently Asked Questions	NI.	No relevant information	6/24/2003	6/24/2003	70
ADEQ 2	Miscellaneous	Contracts	2003-06-24 Appraisal of	Machinery and Equipment Appraisal	N	No relevant information	6/24/2003	6/24/2003	/0
			Equipment.pdf	prepared by Sencer Appraisal					
ADEO 3	N 4: II	Contracts	2002 OC 24 Phillip D Broom 8	Associates	N.	No relevant information	6/24/2002	6/24/2002	2
ADEQ 2	Miscellaneous	Contracts		Brochure for appraisal company,	N	No relevant information	6/24/2003	6/24/2003	2
ADEO 3	Miscellaneous	Contracts		Phillip D. Bryant & Associates Site photos	N	No relevant information	11/19/2005	11/18/2005	13
ADEQ 2	iviiscellaneous	Contracts	visit.doc	Site priotos	IN	No relevant information	11/16/2005	11/16/2005	13
ADEO 2	Miscellaneous	Contracts	The state of the s	Notes regarding process for auctioning	N	No relevant information	10/7/2009	10/7/2009	2
ADLQZ	iviiscellarieous	Contracts		equipment	18.	No relevant information	10/7/2003	10///2003	
			Ivial ketting and kedistribution.doc	equipment					
ADEQ 2	Miscellaneous	Contracts	2010-05-06 letter to electric co	Letter from ADEQ to Woodruff Electric	N	No relevant information	5/6/2010	5/6/2010	1
			notice of transfer of services.doc	Cooperative Corporation, RE: Notice of			***	22 - 22	
				Transfer of Billing					
ADEQ 2	Miscellaneous	Contracts	2010-05-06 letter to trash co	Letter from ADEQ to WCA Waste	N	No relevant information	5/6/2010	5/6/2010	1
			notice of transfer.doc	Corporation, RE: Notice of Transfer of					
				Billing					
	Miscellaneous	Contracts	2010-05-06 letter to water co	Letter from ADEQ to Helena Municipal	N	No relevant information	5/6/2010	5/6/2010	1
ADEQ 2	iviiscellalieous								
ADEQ 2	iviiscellalleous		notice of transfer.doc	Water, RE: Notice of Transfer of Billing				2 2	

ADEO 2	Miscellaneous	Contracts		2010-05-07 Letter to Helena	Letter from ADEQ to Helena Municipal	N	This is a duplicate scanned copy of the MS Word	5/7/2010	5/7/2010	1
MDLQL	Iviiscellaricous	Contracts		Municipal Water - transfer of	Water, RE: Notice of Transfer of Billing		document "2010-05-06 letter to water co notice of	3,7,2010	3,7,2010	_
				billing.pdf	Water, NE. House of Hansler of Siming		transfer"			
ADEQ 2	Miscellaneous	Contracts		2010-05-07 Letter to WCA Waste	Letter from ADEQ to WCA Waste	N	This is a duplicate scanned copy of the MS Word	5/7/2010	5/7/2010	1
				Corp - Transfer of Billing.pdf	Corporation, RE: Notice of Transfer of		document "2010-05-06 letter to trash co notice of	-,.,		1
					Billing		transfer"			
ADEQ 2	Miscellaneous	Contracts		CONTRACT AND GRANT	Contract and Grant Disclosure and	N	No relevant information. Form is blank	Undated	Undated	2
				DISCLOSURE AND CERTIFICATION	Certification Form					
				FORM.doc						
ADEQ 2	Miscellaneous	Contracts		Routing Slip for notification of	ADEQ Hazardous Waste Division	N	No relevant information. Form is not completed.	5/6/2010	5/6/2010	1
				transfer.doc	Routing Slip for notification lettyers to				* *	
					water, electric and trash co					
ADEQ 2	Miscellaneous	Contracts	Flow Meter	2009-01-07 ADEQ Fax - approval	ADEQ Purchase Order to Instrument &	N	No relevant information	1/7/2010	1/7/2010	2
				of quote.pdf	Supply, Inc.					
ADEQ 2	Miscellaneous	Contracts	Flow Meter	2009-12-18 Cedar Calibration	Quote from Instrument & Supply Inc	N	No relevant information	12/18/2009	12/18/2009	1
				Quote.doc	to Cedar Chemical Corporation for					
					calibration services					
ADEQ 2	Miscellaneous	Contracts	Flow Meter	2009-12-22 Internal Memo.doc	ADEQ Memorandum; Subject: Cedar	N	No relevant information	12/22/2009	12/22/2009	1
7					Flow Meter Calibration					
ADEQ 2	Miscellaneous	Contracts	Flow Meter	2009-12-22 PR (form revised on 1-	Purchase Request form for Instrument	N	No relevant information	12/22/2009	12/22/2009	1
				21-2008).xls	& Supply, Inc. for calibration services					
ADEQ 2	Miscellaneous	Contracts	Gary Hill	2007-03-07 Gary Hill Contract	ADEQ letter to Gary Hill regarding	N	No relevant information	3/7/2007	3/7/2007	2
				Extension.pdf	expiration and extension of current					
1					contract					
ADEQ 2	Miscellaneous	Contracts	Gary Hill	2007-05-10 Cedar Operator	Protocol for the Operation of the	N	No relevant information	5/10/2007	5/10/2007	3
-				Protocol.doc	Wastewater Treatment Plant					
ADEQ 2	Miscellaneous	Contracts	Gary Hill	2007-05-10 CONTRACT AND	Contract and Grant Disclosure and	N	This is a duplicate of "CONTRACT AND GRANT	5/10/2007	5/10/2007	2
				GRANT DISCLOSURE AND	Certification Form		DISCLOSURE AND CERTIFICATION FORM"			
	To all the land	APP 02 101 102		CERTIFICATION FORM.doc						
ADEQ 2	Miscellaneous	Contracts	Gary Hill	2007-05-15 Gary Hill PR 2008.xls	Purchase Request form for Gary Hill	N	No relevant information	5/15/2007	5/15/2007	1
		_			for wastewater removal				- 1- 1	
ADEQ 2	Miscellaneous	Contracts	Gary Hill	2008-03-05 Memo to State	Memo from ADEQ to Arkansas Dept.	N	No relevant information	3/5/2008	3/5/2008	2
				Procurment - Gary Hill extension	of Finance & Administration; Subject:					
		_		FY09.doc	Sole Source Contract			. /2 /2 2 2	. / . /	
ADEQ 2	Miscellaneous	Contracts	Gary Hill	2008-04-09 Gary Hill	Purchase Request form for Gary Hill	N	No relevant information	4/9/2008	4/9/2008	1
ADEO 3	NA:II	Cambualata	Cama Uill	PR040907.xls	for wastewater removal	N	No relevant information	4/22/2000	4/23/2008	2
ADEQ 2	Miscellaneous	Contracts	Gary Hill	2008-04-23 Letter to Gary Hill -	ADEQ letter to Gary Hill regarding	N	ino relevant information	4/23/2008	4/23/2008	2
				Contract Extension Request	expiration and extension of current					
ADEO 3	Miscellaneous	Contracts	Comviliil	FY09.doc 2008-05-05 Memo to State	Contract Memo from ADEQ to Arkansas Dept.	N	This is a duplicate of "2008-03-05 Memo to State	5/5/2008	5/5/2008	2
ADEQ 2	iviiscellaneous	Contracts	Gary Hill			IN	The second of the second secon	5/5/2008	5/5/2008	
				Procurement - Gary Hill Contract	of Finance & Administration; Subject:		Procurment - Gary Hill extension FY09"			
ADEO 3	Miscellaneous	Contracts	Gary Hill	Extension FY09.doc 2008-05-08 Letter to State	Sole Source Contract Letter from ADEQ to Arkansas Dept. of	N	No relevant information	5/8/2008	5/8/2008	2
ADEQ 2	iviiscellalleous	Contracts	Gary miii	Procurement - sole source	Finance & Administration Re: Sole	IN	INO FEIEVAIL IIIOTTIIALIOTI	3/8/2008	3/0/2008	
				iustification.doc	Source Procurement for Gary Hill					
				Justification.doc	Source Floculement for Gary Hill					
ADEO 2	Miscellaneous	Contracts	Gary Hill	2009-05-05 Gary Hill PR 2009.xls	Purchase Request form for Gary Hill	N	No relevant information	5/5/2009	5/5/2009	1
ADLUZ	iviiscellalleous	Contracts	Gary IIII	2003-03-03 Gary Tilli FR 2009.XIS	for wastewater removal	IN	ivo relevant illiorillation	3/3/2009	3/3/2009	
-					TOT WasteWater Tellioval					

ADEQ 2	Miscellaneous	Contracts	Gary Hill	2009-05-08 sole source	Letter from ADEQ to Arkansas Dept. of	N	This is a duplicate of "2008-05-08 Letter to State	5/8/2009	5/8/2009	2
				justification.doc	Finance & Administration Re: Sole		Procurement - sole source justification"			
				,	Source Procurement for Gary Hill		,			
					2					
ADEQ 2	Miscellaneous	Contracts	Gary Hill	2009-05-27 Purchase order.pdf	Sole source purchase agreement	N	No relevant information	5/27/2009	5/12/2009 -	8
				94	documents for Gary Hill				6/5/2009	
ADEQ 2	Miscellaneous	Contracts	Gary Hill	2009-06-03 Contract Extension	ADEQ letter to Gary Hill regarding	N	No relevant information	6/3/2010	6/3/2010	2
			100	request FY10.doc	expiration and extension of current				~ ~	
					contract					
ADEQ 2	Miscellaneous	Contracts	Gary Hill	2009-06-03 Contract Extension	ADEQ letter to Gary Hill regarding	N	This is the signed duplicate of "2009-06-03 Contract	6/3/2010	6/3/2010	3
				Request.pdf	expiration and extension of current		Extension request FY10" with a routing slip attached			
					contract					
ADEQ 2	Miscellaneous	Contracts	Gary Hill	2010-05-04 letter to gh - request	ADEQ letter to Gary Hill regarding cost	N	No relevant information	5/4/2010	5/4/2010	2
				for renewal.doc	increases to contract					
ADEQ 2	Miscellaneous	Contracts	Melanies	2008-08-09 Letter to Broadway	ADEQ letter to Broadway Protection	N	No relevant information	5/9/2008	5/9/2008	3
			folder	Protection Services - Parties	Services Re: Parties Authorized Onsite					
				authorized on-site at Cedar	at Cedar Chemical					
19				Chemical.pdf						
ADEQ 2	Miscellaneous	Contracts	Melanies	Biomonitoring memos &	Correspondence and report	N	No relevant information	Various	8/2/2004 -	163
19			folder	results.pdf	concerning biomonitoring				5/22/2006	
ADEQ 2	Miscellaneous	Contracts	Melanies	Cedar Chemical Company	This file cannot be opened without				1	
			folder	expanded.mpp	Microsoft Project					
ADEQ 2	Miscellaneous	Contracts	Melanies	Cedar Chemical Company.mpp	This file cannot be opened without					
			folder		Microsoft Project					
ADEQ 2	Miscellaneous	Contracts	Melanies	CEDAR NEED TO KNOW.doc	Notes regarding requirements of	N	No relevant information	Undated	Undated	2
			folder		various contracts					
ADEQ 2	Miscellaneous	Contracts	Melanies	Cedar reduced biomonitoring	Memo to NPDES Permits, Water	N	No relevant information	5/11/2005	5/11/2005	1
			folder	letter.doc	Division Re: Biomonitoring Frequency					
					Reduction					
ADEQ 2	Miscellaneous	Contracts	Melanies	Cedar sample results.pdf	Sampling results for oxygen, pH, solids	N	No relevant information	3/27/2007	3/27/2007	1
	96 Mes 265		folder		and organic carbon					
ADEQ 2	Miscellaneous	Contracts	Melanies	Cedar Sampling Protocol.doc	Protocol for the Operation of the	N	No relevant information	7/16/2004	7/16/2004	5
		Sec	folder		Wastewater Treatment Plant	90000				
ADEQ 2	Miscellaneous	Contracts	Melanies	EPA Pol Rep.pdf	EPA Pollution Report, Continuation of	Y	Discusses removal of COCs at the site. Date range is the	8/18/2003	7/16/03 -	2
		~	folder		Removal Activities		POLREP reporting period		8/15/03	
ADEQ 2	Miscellaneous	Contracts	Melanies	General info.pdf	Cedar Chemical Companyt Reference	N	No relevant information	10/25/2004	10/25/2004	5
			folder		Sheet and site update					
ADEQ 2	Miscellaneous	Contracts	Melanies	HWD- Water Protocol.pdf	Protocol for the Operation of the	N	Duplicate of "Cedar Sampling Protocol" with signatures	7/16/2004	7/16/2004	5
			folder		Wastewater Treatment Plant					
ADEQ 2	Miscellaneous	Contracts	Melanies	Lab Memo.dot	ADEQ Memo for purchase request for	N	No relevant information	8/2/2004	8/2/2004	1
			folder		American Interplex Inc. for acute					
					biomonitoring					
ADEQ 2	Miscellaneous	Contracts	Melanies	Monitoring Forms.xls	Water level form and Sampling log	N	No relevant information	Undated	Undated	1
			folder		form					
ADEQ 2	Miscellaneous	Contracts	Melanies	NPDES Inspections.pdf	NPDES compliance inspection reports	N	No relevant information	Various	9/5/2005 -	8
			folder		with attachments				12/5/05	
ADEQ 2	Miscellaneous	Contracts	Melanies	Photos for security4.doc	ADEQ memo identifying parties	N	No relevant information	7/21/2008	7/21/2008	3
		_	folder		permitted onsite with photos			***		
ADEQ 2	Miscellaneous	Contracts	Melanies	Quarterly meeting notes.pdf	Quarterly Meeting Notes	N	No relevant information	Various	7/21/2004 -	8
			folder						7/17/06	

ADEQ 2	Miscellaneous	Contracts	Melanies	Security new pics2.doc	ADEQ letter to Broadway Protection	N	No relevant information	7/22/2008	7/22/2008	1
			folder		Services Re: Parties Authorized Onsite at Cedar Chemical					
ADEQ 2	Miscellaneous	Contracts	Melanies	Security No guard.doc	ADEQ letter to Broadway Protection	N	No relevant information	4/12/2007	4/12/2007	1
ADEO 3	NA:II	Cambusata	folder	\A(\A() =	Services Re: no guard onsite	N	Na valance de información	0/11/2004	0/11/2004	5
ADEQ 2	Miscellaneous	Contracts	Melanies folder	WW contractor info.pdf	Scope of work for stormwater mangement and summary of	N	No relevant information	8/11/2004	8/11/2004	5
			loidei		telephone call with Gary Hill					
ADEQ 2	Miscellaneous	Contracts	Melanies	~\$dar Sampling Protocol.doc	This appears to be a temp file and is	N	No relevant information			
			folder		no longer in the file					
ADEQ 2	Miscellaneous	Contracts	Melanies	~WRL3319.tmp	This appears to be a temp file and is	N	No relevant information			
ADEO 3	NA:II	Combinato	folder	Thomas has alle	no longer in the file	N	Na halawant information		-	-
ADEQ 2	Miscellaneous	Contracts	Melanies folder	Thumbs.db	This appears to be a temp file and is no longer in the file	N	No relevant information			
ADEQ 2	Miscellaneous	Contracts	Purchasing	American Interplex PO.xls	Purchase request for American	N	No relevant information	Date is		1
			Documents		Interplex for acute biomonitoring			autofilled		
					services			with today's		
								date		
ADEQ 2	Miscellaneous	Contracts	Purchasing	American Interplex PO2.xls	Purchase request for American	N	No relevant information	Date is		1
			Documents		Interplex for acute biomonitoring			autofilled		
					services			with today's		
								date		
ADEQ 2	Miscellaneous	Contracts	Purchasing	American Interplex PO3.xls	Purchase request for American	N	No relevant information	Date is		1
			Documents		Interplex for acute biomonitoring			autofilled		
					services			with today's date		
ADEQ 2	Miscellaneous	Contracts	Purchasing	American Interplex PO4.xls	Purchase request for American	N	No relevant information	Date is		1
,,,,,,	- Viiscellanicous	Contracts	Documents	, unerroan interpretation into	Interplex for acute biomonitoring		The resevant innermation	autofilled		_
					services			with today's		
								date		
ADEQ 2	Miscellaneous	Contracts	Purchasing	Cedar Competitive Bid Sheet.xls	State of Arkansas Bid Summary sheet	N	No relevant information	5/27/2003	5/27/2003	1
			Documents		for equipment appraisal					
ADEQ 2	Miscellaneous	Contracts	Purchasing	Cedar Equipment PR.xls	Purchase request for Sencer Appraisal	N	No relevant information	Date is		1
			Documents		Associates for appraisal services			autofilled		
								with today's		
ADEO 2	Miscellaneous	Contracts	Purchasing	Cedar Heater PR.xls	Purchase request for Walmart for	N	No relevant information	date Date is	-	1
ADLQ 2	lviiscellalieous	Contracts	Documents	Cedal Heater FK.XIS	radiator heater	IN	No relevant information	autofilled		1
			Documents		radiator ricater			with today's		
								date		
ADEQ 2	Miscellaneous	Contracts	Purchasing	Cedar Heater PR2.xls	Purchase request for Home Depot for	N	No relevant information	Date is		1
			Documents		radiator heater			autofilled		
								with today's		
								date		
ADEQ 2	Miscellaneous	Contracts	Purchasing	CONTRACT AND GRANT	Contract and Grant Disclosure and	N	No relevant information. Form is blank. Duplicate of Li	ne Undated	Undated	2
			Documents	DISCLOSURE AND CERTIFICATION FORM.doc	Certification Form		48			
ADEQ 2	Miscellaneous	Contracts	Purchasing	Flow meter calibration purchase	Purchase request for Instrument &	N	No relevant information	Date is		1
			Documents	request.xlt	Supply for flow meter calibration			autofilled		
								with today's		
								date		

ADEO 2	Miscellaneous	Contracts	Purchasing	Flow meter calibration purchase	Purchase request for Instrument &	ΙN	No relevant information	Date is		1
ADLQ 2	Wilscellarieous	Contracts	Documents	request2.xlt	Supply for flow meter calibration	1	No relevant information	autofilled		-
			Documents	requestz.xit	Supply for flow fileter calibration			with today's		
								date		
ADEO 3	Miscellaneous	Contracts	Durchasing	Flow motor calibration purchase	Durchase request for Instrument 9	N	No relevant information	Date is		1
ADEQ 2	Miscellaneous	Contracts	Purchasing	Flow meter calibration purchase	Purchase request for Instrument &	IN.	No relevant information			1
			Documents	request3.XLT	Supply for flow meter calibration			autofilled		
								with today's		
								date		
ADEQ 2	Miscellaneous	Contracts	Purchasing	Flow meter calibration purchase	Purchase request for Instrument &	N	No relevant information	Date is		1
			Documents	request4.xls	Supply for flow meter calibration			autofilled		
								with today's		
								date		
ADEQ 2	Miscellaneous	Contracts	Purchasing	Flow meter calibration purchase	Purchase request for Instrument &	N	No relevant information	Date is		1
			Documents	request5.xls	Supply for flow meter calibration			autofilled		
					30000000			with today's		
								date		
ADEQ 2	Miscellaneous	Contracts	Purchasing	Flow meter purchase request	ADEQ Memo re: need for flow meter	N	No relevant information	10/18/2004	10/18/2004	1
,			Documents	Memo.dot	calibration				, ,	
ADEO 2	Miscellaneous	Contracts	Purchasing	Flow meter purchase request	ADEQ Memo re: need for flow meter	N	No relevant information	11/7/2005	11/7/2005	1
7.0242	· · · · · · · · · · · · · · · · · · ·	Correraces	Documents	Memo2.dot	calibration	"	The relevant information	11,7,2003	11,7,2005	_
ADEO 2	Miscellaneous	Contracts	Purchasing	Flow meter purchase request	ADEQ Memo re: need for flow meter	N	No relevant information	11/16/2006	11/16/2006	1
ADLQ 2	iviiscellalleous	Contracts	Documents	Memo3.dot	calibration	"	INO Televant information	11/10/2000	11/10/2000	1
ADEO 3	Miscellaneous	Cantrasta				N	No relevant information	Data is		1
ADEQ 2	iviiscellaneous	Contracts	Purchasing	Graham Plumbing PR.xls	Purchase request for Graham	l N	No relevant information	Date is		1
			Documents		Plumbing for evaluating broken			autofilled		
					discharge line			with today's		
		South St. No.		Para Para Di Visabilia	400			date		
ADEQ 2	Miscellaneous	Contracts	Purchasing	Graham Plumbing PR2.xls	Purchase request for Graham	N	No relevant information	Date is		1
			Documents		Plumbing for repairing broken 8"			autofilled		
					concrete force main			with today's		
								date		
ADEQ 2	Miscellaneous	Contracts	Purchasing	Instrument & Supply Memo.dot	ADEQ memo re: pay requests for	N	No relevant information	11/18/2004	11/18/2004	1
			Documents		calibration of flow meter					
ADEQ 2	Miscellaneous	Contracts	Purchasing	plumbing memo.doc	ADEQ memo re: need to repair	N	No relevant information	5/1/2008	5/1/2008	1
			Documents		discharge leak					
ADEQ 2	Miscellaneous	Contracts	Purchasing	Riggs Pump PR.xls	Purchase request for JA Riggs Tractor	N	No relevant information	Date is		1
			Documents	1000	Co to repair water pump			autofilled		
								with today's		
								date		
ADEQ 2	Miscellaneous	Contracts	Purchasing	TERM AWARD TERMS AND	Term Award Terms and Conditions	N	No relevant information	Undated	Undated	3
•			Documents	CONDITIONS (2).doc						
ADEQ 2	Miscellaneous	Contracts	Mowing	2007-03-28 Mowing	ADEQ letter tp Ed L. Wallace re: Lawn	N	No relevant information	3/28/2007	3/28/2007	2
, 10 2 4 2	· · · · · · · · · · · · · · · · · · ·	001111111111111111111111111111111111111	in an in a	Extension.doc	Care Service additional grass cuttings		The relevant information	3,23,233,	3,23,233,	_
				Externsion.doc	Care service additional grass cattings					
ADEO 2	Miscellaneous	Contracts	Mowing	2007-03-28 Mowing PR.xlt	Purchase request for Ed Wallace for	N	No relevant information	3/28/2007	3/28/2007	1
ADLQZ	Wilscellaricous	Contracts	liviowing	2007-03-28 Mowing FR.XII	mowing	"	No relevant information	3/28/2007	3/20/2007	_
ADEO 3	Miscellaneous	Contracts	Mouring	2007-07-02 Mowing	ADEQ letter to Ed. L. Wallace re:	N	No relevant information	7/2/2007	7/2/2007	2
ADLU Z	iviiscellalleous	COILLIACES	Mowing	_		l N	No relevant information	1/2/2007	//2/200/	
ADEO 2	N 4:II.	C t '	NAi	Extension2.doc	additional grass cuttings		No natural information	7/2/2027	7/2/2027	
ADEQ 2	Miscellaneous	Contracts	Mowing	2007-07-02 Mowing PR2.xls	Purchase request for Ed Wallace for	N	No relevant information	7/2/2007	7/2/2007	1
					mowing					
ADEQ 2	Miscellaneous	Contracts	Mowing	2007-07-16 Mowing payment	ADEQ memo re: Mowing PO for Ed	N	No relevant information	7/16/2007	7/16/2007	1
				memo.doc	Wallace					

ADEO 3	Miscellaneous	Contracts	Mowing	2007-07-16 Mowing PR3.XLT	Purchase request for Ed Wallace for	N	No relevant information	7/16/2007	7/16/2007	1
ADEQ 2	lviiscellalieous	Contracts	liviowing	2007-07-16 MIOWING PRS.XLT	mowing	IN.	No relevant information	//16/2007	//16/2007	
ADEQ 2	Miscellaneous	Contracts	Mowing	2007-11-19 Mowing	ADEQ letter to Ed. L. Wallace re:	N	No relevant information	11/19/2007	11/19/2007	2
				Extension4.doc	additional grass cuttings			,,		
ADEO 2	Miscellaneous	Contracts	Mowing	2007-11-19 Mowing PR4.xls	Purchase request for Ed Wallace for	N	No relevant information	11/19/2007	11/19/2007	1
					mowing					1000
ADEQ 2	Miscellaneous	Contracts	Mowing	2008-08-22 3 seperate bids for	Quotes for providing lawn services	N	No relevant information	8/22/2008	8/28/08 -	24
				lawn service.pdf					8/30/08	
ADEQ 2	Miscellaneous	Contracts	Mowing	2008-08-22 mowing bid package	General Conditions for Services	N	No relevant information	8/22/2008	8/22/2008	8
				00700Gen Cond short.doc				56 VS		
ADEQ 2	Miscellaneous	Contracts	Mowing	2008-08-22 mowing bid package	Summary of Work	N	No relevant information	8/22/2008	8/22/2008	5
				techspecs.doc						
ADEQ 2	Miscellaneous	Contracts	Mowing	2008-08-22 mowing bid	Mowing Bid Package	N	No relevant information	8/22/2008	8/22/2008	8
			(1000)	package.doc						
ADEQ 2	Miscellaneous	Contracts	Mowing	2008-08-22 original contract.pdf	Mowing Contract	N	No relevant information	8/22/2008	8/22/2008	22
ADEQ 2	Miscellaneous	Contracts	Mowing	2008-09-22 Mowing Bid	Summary of Quotes for Mowing	N	No relevant information	9/22/2008	9/22/2008	2
				Quotations Form.xls	Contract					
ADEQ 2	Miscellaneous	Contracts	Mowing	2008-09-22 Mowing PR Patton.xls	Purchase request for David Patton for	N	No relevant information	9/22/2008	9/22/2008	1
·-					mowing services					
ADEQ 2	Miscellaneous	Contracts	Mowing	2008-09-22 Purchase	Purchase Requistion Form for David	N	No relevant information	9/22/2008	9/22/2008 -	1
<u> </u>				Requisition.pdf	Patton for mowing				9/24/2008	
ADEQ 2	Miscellaneous	Contracts	Mowing	2008-09-30 Purchase Order.pdf	State of Arkansas Purchase Order for	N	No relevant information	9/30/2008	9/30/2008	3
					David Patton					
ADEQ 2	Miscellaneous	Contracts	Mowing	2009-05-15 Signed PR.pdf	Signed Purchase Request for David	N	No relevant information	5/15/2009	5/15/2009	1
					Patton for mowing services					
ADEQ 2	Miscellaneous	Contracts	Mowing	2009-05-18 contract extention	ADEQ letter to David Patton regarding	N	No relevant information	5/18/2009	5/18/2009	3
				request (not necessary).pdf	contract extxension					
ADEQ 2	Miscellaneous	Contracts	Mowing	2009-05-18 Mowing Extension 1	ADEQ letter to David Patton regarding	N	Duplicate of "2009-05-18 contract extention request	5/18/2009	5/18/2009	2
				(not necessary).doc	contract extxension		(not necessary)" without routing slip			
ADEQ 2	Miscellaneous	Contracts	Mowing	2009-06-04 contract extention	David Patton signature page	N	No relevant information	6/4/2009	5/18/2009 -	1
				request (with signatures) (not					6/4/2009	
				necessary).pdf						
ADEQ 2	Miscellaneous	Contracts	Mowing	2009-09-14 draft PR.xls	Purchase request for David Patton for	N	No relevant information	9/14/2009	9/14/2009	1
					mowing services					
ADEQ 2	Miscellaneous	Contracts	Mowing	2009-09-18 Routing Slip revised	Routing Slip for Contract Extension	N	No relevant information	9/18/2009	9/18/2009	1
7				2009 .doc	Request for David Patton					
ADEQ 2	Miscellaneous	Contracts	Mowing	2009-09-24 contract extension	ADEQ letter to David Patton regarding	N	No relevant information	9/24/2009	9/24/2009	2
				request for David .doc	contract extxension					
ADEQ 2	Miscellaneous	Contracts	Mowing	2009-09-24 Contract Extention	ADEQ letter to David Patton regarding	N	Duplicate of "2009-09-24 contract extension request for	9/24/2009	9/24/2009	3
				Request for Patton Lawn	contract extxension		David" with signature and routing slip			
-				Service.pdf						
ADEQ 2	Miscellaneous	Contracts	Mowing	2009-10-19 Routing Slip revised	Routing Slip for Contract Extension	N	No relevant information	10/19/2009	10/19/2009	1
1				2009 .doc	Request for David Patton					
ADEQ 2	Miscellaneous	Contracts	Mowing	2009-10-26 Purchase Order	Signed Purchase Order for David	N	No relevant information	10/26/2009	10/26/2009	5
-				signed by Bob.pdf	Patton for mowing services					
ADEQ 2	Miscellaneous	Contracts	Mowing	2009-10-28 Signed Page 2 by	ADEQ letter to David Patton regarding	N	No relevant information	10/28/2009	9/24/2009 -	5
-				Ryan and David.pdf	contract extension				10/28/09	
ADEQ 2	Miscellaneous	Contracts	Mowing	2010-03-26 contract cover	Mowing contract cover page	N	No relevant information	3/26/2010	3/26/2010	1
-				page.doc						
ADEQ 2	Miscellaneous	Contracts	Mowing	2010-03-26 Invitation for	Invitation for Quote for mowing	N	No relevant information	3/26/2010	3/26/2010	1
				quote.doc	services					

ADEQ 2	Miscellaneous	Contracts	Mowing	2010-03-26 Mowing Bid	Summary of mowing quotes	N	No relevant information	3/26/2010	3/26/2010	2
				Quotations Form.xls						
ADEQ 2	Miscellaneous	Contracts	Mowing	2010-03-26 Mowing PR Patton.xls	Purchase request for David Patton for mowing services	N	No relevant information	3/26/2010	3/26/2010	1
ADEQ 2	Miscellaneous	Contracts	Mowing	2010-03-26 Routing Slip for bid quotations (revised 2009).doc	Routing slip for bid submittals for mowing	N	No relevant information	3/26/2010	3/26/2010	1
ADEQ 2	Miscellaneous	Contracts	Mowing	2010-03-26 Agreement Form (rev 01).doc	Agreement Form	N	No relevant information	3/26/2010	3/26/2010	2
ADEQ 2	Miscellaneous	Contracts	Mowing	2010-03-26 Agreement Form.doc	Agreement Form	N	Duplicate of "2010-03-26 Agreement Form (rev 01)" with slightly different formatting	3/26/2010	3/26/2010	2
ADEQ 2	Miscellaneous	Contracts	Mowing	2010-03-26 Quote Form.doc	Quote form	N	No relevant information	3/26/2010	3/26/2010	2
ADEQ 2	Miscellaneous	Contracts	Mowing	birds eye view.doc	Aerial photo of site	N	No relevant information	Undated	Undated	1
ADEQ 2	Miscellaneous	Contracts	Mowing	Working Files.Ink	Broken shortcut	N	No relevant information.	NA		NA
ADEQ 2	Miscellaneous	Contracts	Mowing	WorkOrder1.doc	Hazardous Waste Division Work Order for copying	N	No relevant information	5/18/2009	5/18/2009	1
ADEQ 2	Miscellaneous	Contracts	Security	2005-04-05 original Security Express Contract.pdf	State of Arkansas Amended Award to Security Express for security services	N	No relevant information	4/5/2005	4/5/2005	6
ADEQ 2	Miscellaneous	Contracts	Security	2007-03-20 Letter to Broadway - Security Contract Extension FY08.doc	ADEQ letter to Broadway Protection Services re: contract renewal	N	No relevant information	3/20/2007	3/20/2007	2
ADEQ 2	Miscellaneous	Contracts	Security	2008-04-23 Letter to Broadway - Security Contract Extension FY09.doc	ADEQ letter to Broadway Protection Services re: contract renewal	N	No relevant information	4/23/2008	4/23/2008	2
ADEQ 2	Miscellaneous	Contracts	Security	2008-05-00 State procurement extension beyond 7 yrs.pdf	Contract Extension for security guard services	N	No relevant information	5/00/08	5/00/08	2
ADEQ 2	Miscellaneous	Contracts	Security	2008-05-01 Security PR FY09.xls	Purchase request for security services	N	No relevant information	5/1/2008	5/1/2008	1
ADEQ 2	Miscellaneous	Contracts	Security	2008-05-01 Security PR.xlt	Purchase request for security services	N	Duplicate of "2008-05-01 Security PR FY09.xls "	5/1/2008	5/1/2008	1
ADEQ 2	Miscellaneous	Contracts	Security	2008-05-09 Letter from State Procurement - Agreement of c extent.pdf	Extension of contract for security services	N	No relevant information	5/9/2008	5/9/2008	1
ADEQ 2	Miscellaneous	Contracts	Security	2008-05-09 Purchase Order.pdf	State of Arkansas Amended Award to Broadway Protection for security services	N	No relevant information	5/9/2008	5/9/2008	1
ADEQ 2	Miscellaneous	Contracts	Security	2008-07-07 Broadway PO.pdf	Purchase order for Broadway Protection for security services	N	No relevant information	7/7/2008	7/7/2008	5
ADEQ 2	Miscellaneous	Contracts	Security	2009-05-14 letter to broadway - Contract Extension request.pdf	ADEQ letter to Broadway Protection	N	No relevant information	5/14/2009	5/14/2009	3
ADEQ 2	Miscellaneous	Contracts	Security	2009-05-14 Security Contract Extension FY10.doc	ADEQ letter to Broadway Protection	N	Duplicate of "2009-05-14 letter to broadway - Contract Extension request" without routing slip	5/14/2009	5/14/2009	2
ADEQ 2	Miscellaneous	Contracts	Security	2009-05-20 contract extention request (updated company info).pdf	ADEQ letter to BW Security Associates	N	No relevant information	5/20/2009	5/20/2009	2
ADEQ 2	Miscellaneous	Contracts	Security	2009-05-27 Letter from BW Security.pdf	BW Security letter to ADEQ regarding rate adjustments	N	No relevant information	5/27/2009	5/27/2009	5
ADEQ 2	Miscellaneous	Contracts	Security	2009-06-01 Security PR .xls	Purchase request for BW Security	N	No relevant information	6/1/2009	6/1/2009	1
ADEQ 2	Miscellaneous	Contracts	Security	2009-06-04 ADEQ letter to BW Security - Response to request for extra pay.doc	ADEQ letter to BW Security Associates re rate adjustments	N	No relevant information	6/4/2009	6/4/2009	2

ADEO 2	Miscellaneous	Contracts	Security	2009-06-09 BW Security contract	Purchase Order for BW Security	N	No relevant information	6/15/2009	6/15/2009	16
7.0202	TVIISCEII GIICO GS	contracts	Security	extension.pdf	Associates		The relevant information	0,13,2003	0,13,2003	10
ADEQ 2	Miscellaneous	Contracts	Security	2009-06-15 ADEQ delivery to BW	ADEQ letter to BW Security regarding	N	No relevant information	6/15/2009	6/15/2009	17
				Security - contract extension	contract extention					
				dated 6-04-09.pdf						
ADEQ 2	Miscellaneous	Contracts	Security	2009-07-23 Blind PR .xls	Purchase request for unnamed	N	No relevant information	7/23/2009	7/23/2009	1
					company for security services					
ADEQ 2	Miscellaneous	Contracts	Security	2009-07-23 Contractor	Contractor requirments	N	No relevant information	7/23/2009	7/23/2009	5
				Requirements.doc						
ADEQ 2	Miscellaneous	Contracts	Security	2009-07-27 Contractor	Contractor requirments	N	No relevant information	7/27/2009	7/27/2009	5
				Requirements (rev 01).doc						
ADEQ 2	Miscellaneous	Contracts	Security	2009-07-27 Contractor	Contractor requirments	N	No relevant information	7/27/2009	7/27/2009	5
				Requirements (rev 02).doc						
ADEQ 2	Miscellaneous	Contracts	Security	2009-07-28 Routing Slip revised	Hazardous Waste Division Routing Slip	N	No relevant information	7/28/2009	7/28/2009	1
				2009 (includes blind PR).doc	for Preparation for Bids for Security					
					Services					
ADEQ 2	Miscellaneous	Contracts	Security	2009-07-28 routing slip.pdf	Hazardous Waste Division Routing Slip	N	No relevant information	7/28/2009	7/28/2009	1
					for Preparation for Bids for Security					
					Services with signature					
ADEQ 2	Miscellaneous	Contracts	Security	2009-09-23 conversation with	Notes of telephone conversation with	N	No relevant information	9/23/2009	9/23/2009	1
				braodway.doc	Mr. Broadway					
ADEQ 2	Miscellaneous	Contracts	Security	2009-09-28 memo for approval of	Internal Memo regarding bid for	N	No relevant information	9/28/2009	9/28/2009	2
				bid.doc	security contract					
ADEQ 2	Miscellaneous	Contracts	Security	2009-09-29 memo for approval of	Internal Memo regarding bid for	N	No relevant information	9/29/2009	9/29/2009	1
				bid.doc	security contract					
ADEQ 2	Miscellaneous	Contracts	Security		DECEMBER CONTRACTOR STREET OF TRACT OF THE PROPERTY MADE AND ADDRESS OF THE PROPERTY.	N	No relevant information	10/8/2009	10/8/2009	8
				Services.pdf	security services					
ADEQ 2	Miscellaneous	Contracts	Security	2009-10-21 conversation with	Notes of telephone conversation with	N	No relevant information	10/21/2009	10/21/2009	1
	10 000 AV			braodway.doc	Mr. Broadway	20100		1 20 100 100		
ADEQ 2	Miscellaneous	Contracts	Security	2010-01-06 Donnie Savage	Purchase order for DRS Services for	N	No relevant information	1/6/2010	1/6/2010	1
1000-00000000 0000	W 100 - 20	100		PO.pdf	security services	81-67				
ADEQ 2	Miscellaneous	Contracts	Security	2010-04-29 Notice of	ADEQ letter to DRS Services regarding	N	No relevant information	4/29/2010	4/29/2010	1
				Cancellation.doc	notice of cancellation of contract					
1050.3	A 41 11			2010 01 00 0 11 11				4/20/2042	1/20/2010	-
ADEQ 2	Miscellaneous	Contracts	Security	2010-04-29 Routing Slip revised	Hazardous Waste Division Rounting	N	No relevant information	4/29/2010	4/29/2010	1
				2009.doc	Slip for Notice of Security Contract					
ADEO 3	A 4 II	611		2010-05-05 OSP Contract	Cancellation	N.	No. of the section	5/5/2010	E /E /2010	1
ADEQ 2	Miscellaneous	Contracts	Security	and the second s	Security Contract Cancellation Notice	N	No relevant information	5/5/2010	5/5/2010	1
ADEO 3	Miscellaneous	Contracts	Security	cancellation notice.pdf Working Files.lnk	Dualian abantaut	N	No relevant information.	NA NA		NA
	Miscellaneous	Contracts	Security	WorkOrder1.doc	Broken shortcut Hazardous Waste Division Work Order	N	No relevant information.	5/20/2009	5/20/2009	1
ADEQ 2	Miscellaneous	Contracts	Security	WorkOrder1.doc	for copying	IN	No relevant information	3/20/2009	3/20/2009	1
ADEO 3	Miscellaneous	Discharge Logs,	Security	2006-01-26 Lab Results from	Certificates of Analysis	Y	Includes sampling results for COCs	1/26/2006	1/26/2006	519
ADLQ 2	iviiscellalieous	Reports, e-mails	Security	going to the river.rtf	Certificates of Affaiysis		includes sampling results for cocs	1/20/2000	1/20/2000	319
ADEO 2	Miscellaneous	Discharge Logs,	 	2008-01-05 Letter to Region 6;	ADEQ letter to Region 6 regarding	N	No relevant information	1/5/2008	1/5/2008	3
, IDLU Z	14113CEIIdIIEOUS	Reports, e-mails		discharge at Cedar.pdf	discharge at Cedar Chemical	IN	To recevant information	1/3/2008	1/3/2008	
ADFO 2	Miscellaneous	Discharge Logs,		2008-01-09 Letter from ADEQ to	ADEQ letter to Region 6 regarding	N	No relevant information	1/9/2008	1/9/2008	3
ADLQ Z	iviiscendileous	Reports, e-mails		Region 6 - Discharge at Cedar.pdf	discharge at Cedar Chemical	IN	To relevant information	1/3/2008	1/3/2008	
		neports, e-mans		incalon o Discharge at Cedar.put	alsonarge at cedar chemical					
ADEO 2	Miscellaneous	Discharge Logs,	 	2008-02-27 Letter from ADEQ to	ADEQ letter to Region 6 regarding	N	No relevant information	2/27/2008	2/27/2008	4
, .DLQ 2	iviiscella licous	Reports, e-mails		Region 6 - Discharge to Mississippi	discharge at Cedar Chemical	14	To relevant information	2/2//2008	2,27,2008	~
			1 1	Inchesion o Discharge to Mississiphi	I and an action of the control of th		1	1		1

ADEO 2	Miscellaneous	Discharge Logs,	2008-03-25 Letter from ADEQ to	ADEQ letter to Region 6 regarding	N	No relevant information	3/25/2008	3/25/2008	3
ADLQ 2	Wilscellarieous	Reports, e-mails	Region 6 - Dishcharge to	discharge at Cedar Chemical	14	No relevant information	3/23/2008	3/23/2008	
		Reports, e-mails	Mississippi River.pdf	discharge at Cedar Chemical					
ADEO 3	Miscellaneous	Discharge Logs,	2008-04-02 Letter to Broadway	ADEQ letter to Broadway Protection	N	No relevant information	4/2/2008	4/2/2008	1
ADEQ 2	iviiscellarieous				IN	No relevant information	4/2/2008	4/2/2008	1
		Reports, e-mails	Protection Services - Clay	Services regarding access to the site by					
				Clay McDaniel					
10500		Di d	Chemical.pdf	ADEC L III D C C C C		No. of Leavest Control of Control	4/45/2000	4/45/2000	<u> </u>
ADEQ 2	Miscellaneous	Discharge Logs,	2008-04-15 Letter from ADEQ to	ADEQ letter to Region 6 regarding	N	No relevant information	4/15/2008	4/15/2008	3
		Reports, e-mails	Region 6 - Discharge to Mississippi	discharge at Cedar Chemical					
			River.pdf						-
ADEQ 2		Discharge Logs,	2008-09-18 weekly pond transfer	Letter from AMEX Geomatrix to ADEQ	N	No relevant information	9/18/2008	8/1/2008 -	3
		Reports, e-mails	e-mail.pdf	re: Monthly Status Report				8/31/2008	Ь—
ADEQ 2	Miscellaneous	Discharge Logs,	2008-12-29 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	12/29/2008	100, 20	- 1
		Reports, e-mails	e-mail.pdf	re: weekly report				1/4/2009	↓
ADEQ 2		Discharge Logs,	2009-01-05 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	1/5/2009	1/5/2009 -	1
		Reports, e-mails	e-mail.pdf	re: weekly report				1/11/2009	
ADEQ 2	8	Discharge Logs,	2009-01-12 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	1/12/2009	1/12/2009 -	1
		Reports, e-mails	e-mail.pdf	re: weekly report				1/18/2009	
ADEQ 2	DEQ 2 Miscellaneous D	Discharge Logs,	2009-01-14 Gary's pond transfer	Pond transfer discharge logs	N	No relevant information	1/14/2009	12/8/2008 -	7
		Reports, e-mails	discharge logs.pdf					1/13/2009	
ADEQ 2	24	Discharge Logs,	2009-01-19 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	1/19/2009	1/19/2009 -	1
	Re	Reports, e-mails	e-mail.pdf	re: weekly report				1/25/2009	
ADEQ 2		Discharge Logs,	2009-01-26 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	1/26/2009	1/26/2009 -	1
		Reports, e-mails	e-mail.pdf	re: weekly report				2/1/2009	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-02-02 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	2/2/2009	2/2/2009 -	1
		Reports, e-mails	e-mail.pdf	re: weekly report		The control of the second control of the sec		2/8/2009	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-02-05 Certificate of	Certificate of Analysis	N	No relevant information	2/5/2009	2/5/2009	1
		Reports, e-mails	Analysis.rtf	•		COCCUMAN (III - COCCUMAN AND CO			
ADEQ 2	Miscellaneous	Discharge Logs,	2009-02-09 Record of Return by	Handwritten record of return	N	No relevant information	2/9/2009	2/9/2009	1
		Reports, e-mails	John Peiserich.pdf				-,=,====	_,-,	0=0
ADEQ 2	Miscellaneous	Discharge Logs,	AND CONTROL OF THE CO	Email from Gary Hill to Clay McDaniel	N	No relevant information	2/9/2009	2/9/2009 -	1
		Reports, e-mails	e-mail.pdf	re: weekly report			1,5,233	2/15/09	
ADFO 2	Miscellaneous	Discharge Logs,	2009-02-10 Letter to EPA -	ADEQ letter to Region 6 regarding	N	No relevant information	2/10/2009	12/22/2008 -	- 6
/ IDEQ E	14113ccilaricous	Reports, e-mails	Dishcharge at Cedar.pdf	discharge at Cedar Chemical		The relevant information	2,10,2003	1/13/2009	
ADEO 2	Miscellaneous	Discharge Logs,		Email from Gary Hill to Clay McDaniel	N	No relevant information	2/16/2009	2/16/2009	1
MULQE	iviiscendiicous	Reports, e-mails	e-mail.pdf	re: river discharge	***	No relevant information	2,10,2003	2,10,2003	_
ADEO 2	Miscellaneous	Discharge Logs,	2009-02-16 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	2/16/2009	2/16/209 -	1
ADLQZ	Wilscellarieous	Reports, e-mails	e-mail.pdf	re: weekly report	.IN	No relevant information	2/10/2003	2/22/2009	_
ADEO 2	Miscellaneous	Discharge Logs,	2009-02-17 Lab Results.rtf	Certificate of Analysis	N	No relevant information	2/17/2009	2/17/2009	1
ADLQZ	iviiscellarieous	Reports, e-mails	2009-02-17 Lab Results.1tl	Certificate of Arialysis	IN	No relevant information	2/17/2009	2/17/2009	_
ADEO 3	Miscellaneous		2009-02-17 Pond transfer	Dand transfer discharge lags	N	No relevant information	2/17/2009	1/26/2009 -	6
ADEQ 2	Miscellaneous	Discharge Logs,		Pond transfer discharge logs	IN	No relevant information	2/17/2009	8 8	0
ADEO 3	N 4: II	Reports, e-mails	discharge logs.pdf 2009-02-20 Letter to EPA -	ADEO lettente Denien Consendine	N	No colored information	2/20/2000	2/17/2009	4
ADEQ 2	Miscellaneous	Discharge Logs,		ADEQ letter to Region 6 regarding	IN	No relevant information	2/20/2009	12/27/08 -	4
ADEO 3	NAT	Reports, e-mails	Discharge at Cedar.pdf	discharge at Cedar Chemical	N.	No colored to form and to	2/22/2000	2/17/2009	-
ADEQ 2	Miscellaneous	Discharge Logs,	2009-02-23 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	2/23/2009	2/23/2009 -	1
10500		Reports, e-mails	e-mail.pdf	re: weekly reports		A CONTRACTOR OF THE CONTRACTOR	2/15/2022	3/8/2009	_
ADEQ 2	Miscellaneous	Discharge Logs,	2009-03-16 Pond transfer	Pond transfer discharge logs	N	No relevant information	3/16/2009	1/26/2009 -	6
ADEC		Reports, e-mails	discharge logs.pdf	5 116 6 11111 21 22 23	••	N. 1 6	2/12/2	3/16/2009	+-
ADEQ 2	Miscellaneous	Discharge Logs,			N	No relevant information	3/16/2009	3/9/2009 -	1
		Reports, e-mails	e-mail.pdf	re: weekly reports				3/15/2009	-
ADEQ 2	Miscellaneous	Discharge Logs,	2009-03-19 Certificate of	Certificate of Analysis	N	No relevant information	3/19/2009	3/19/2009	1
		Reports, e-mails	Analysis.rtf					1	Ь

ADFO 2	Miscellaneous	Discharge Logs,	2009-03-23 Letter to EPA -	ADEQ letter to Region 6 regarding	N	No relevant information	3/23/2009	3/23/2009	4
/IDEQ 2	Wilsecharicous	Reports, e-mails	Discharge at Cedar.pdf	discharge at Cedar Chemical		No relevant information	3/23/2003	3,23,2003	-
ADEO 2	Miscellaneous	Discharge Logs,	2009-03-23 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	3/23/2009	3/16/09 -	1
/IDEQ 2	Wilscendificous	Reports, e-mails	e-mail.pdf	re: weekly reports		The relevant information	3/23/2003	3/22/09	_
ADEQ 2	Miscellaneous	Discharge Logs,	2009-03-29 Letter to EPA -	ADEQ letter to Region 6 regarding	N	No relevant information	3/29/2009	2/16/2009 -	3
		Reports, e-mails	Discharge at Cedar.pdf	discharge at Cedar Chemical			-,,	3/16/2009	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-03-30 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	3/30/2009	3/30/09 -	1
		Reports, e-mails	e-mail.pdf	re: weekly reports				4/5/09	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-04-06 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	4/6/2009	4/6/09 -	1
		Reports, e-mails	e-mail.pdf	re: weekly reports				4/12/09	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-04-13 Pond transfer	Pond transfer discharge logs	N	No relevant information	4/13/2009	2/16/09 -	6
		Reports, e-mails	discharge logs.pdf					4/13/09	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-04-13 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	4/13/2009	4/13/2009 -	1
		Reports, e-mails	e-mail.pdf	re: weekly reports				4/19/2009	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-04-17 Certificate of	Certificate of Analysis	N	No relevant information	4/17/2009	4/17/2009	1
		Reports, e-mails	Analysis.rtf	·			2 24		
ADEQ 2	Miscellaneous	Discharge Logs,	2009-04-17 Letter to EPA -	ADEQ letter to Region 6 regarding	N	No relevant information	4/17/2009	2/16/2009 -	4
		Reports, e-mails	Discharge at Cedar.pdf	discharge at Cedar Chemical			" "	4/13/2009	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-04-20 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	4/20/2009	4/20/2009 -	1
		Reports, e-mails	e-mail.pdf	re: weekly reports			~ ~~	4/26/2009	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-04-27 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	4/27/2009	4/27/2009 -	1
		Reports, e-mails	e-mail.pdf	re: weekly reports				5/3/2009	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-05-04 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	5/4/2009	5/4/2009 -	1
		Reports, e-mails	e-mail.pdf	re: weekly reports				5/10/2009	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-05-11 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	5/11/2009	5/11/2009 -	1
		Reports, e-mails	e-mail.pdf	re: weekly reports				5/17/2009	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-05-18 Gary's pond transfer	Pond transfer discharge logs	N	No relevant information	5/18/2009	4/6/2009 -	6
		Reports, e-mails	discharge logs.pdf					5/18/2009	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-05-18 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	5/18/2009	5/18/2009 -	1
		Reports, e-mails	e-mail.pdf	re: weekly reports				5/24/2009	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-05-20 Letter to EPA -	ADEQ letter to Region 6 regarding	N	No relevant information	5/20/2009	4/6/2009 -	4
		Reports, e-mails	discharge notification.doc.pdf	discharge at Cedar Chemical				5/20/2009	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-05-25 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	5/25/2009	5/25/2009 -	1
		Reports, e-mails	e-mail.pdf	re: weekly reports				5/31/2009	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-06-01 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	6/1/2009	6/1/2009 -	1
		Reports, e-mails	e-mail.pdf	re: weekly reports				6/7/2009	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-06-08 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	6/8/2009	6/8/2009 -	1
		Reports, e-mails	e-mail.pdf	re: weekly report				6/14/2009	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-06-10 Garys pond transfer	Pond transfer discharge logs	N	No relevant information	6/10/2009	4/13/2009 -	6
		Reports, e-mails	discharge logs.pdf					6/10/2009	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-06-15 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	6/15/2009	6/15/09 -	1
		Reports, e-mails	e-mail.pdf	re: weekly report				6/21/09	
ADEQ 2	Miscellaneous		2009-06-16 Letter to EPA -	ADEQ letter to Region 6 regarding	N	No relevant information	6/16/2009	4/13/09 -	4
		Reports, e-mails	discharge notification.doc.pdf	discharge at Cedar Chemical				6/16/09	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-06-22 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	6/22/2009	6/22/2009 -	1
		Reports, e-mails	e-mail.pdf	re: weekly report			- 1 1	6/28/2009	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-06-29 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	6/29/2009	6/29/2009 -	1
1050 5		Reports, e-mails	e-mail.pdf	re: weekly report		1 1 1 1 1 1 1 1	7/0/2222	7/5/2009	-
ADEQ 2	Miscellaneous	Discharge Logs,	2009-07-06 Gary's pond transfer	Pond transfer discharge logs	N	No relevant information	7/6/2009	5/25/09 -	6
1055		Reports, e-mails	discharge logs.pdf	5 116 6 11911 51 52 5		N. 1. 11.6 11	= to to c = -	7/6/09	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-07-06 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	7/6/2009	7/6/09 -	1
		Reports, e-mails	e-mail.pdf	re: weekly report				7/12/09	

ADEO 2	Miscellaneous	Discharge Logs,	2009-07-07 Letter to EPA -	ADEQ letter to Region 6 regarding	N	No relevant information	7/7/2009	5/25/09 -	4
ADLQ 2	Iviiscellarieous	Reports, e-mails	discharge notification.doc.pdf	discharge at Cedar Chemical	I.V.	No relevant information	17772003	7/7/09	1
ADEO 2	Miscellaneous	Discharge Logs,	2009-07-13 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	7/13/2009	7/13/09 -	1
ADLQ 2	Iviiscellaricous	Reports, e-mails	e-mail.pdf	re: weekly report		No relevant information	7/15/2005	7/19/09	-
ADEO 2	Miscellaneous	Discharge Logs,	2009-07-15 Certificate of	Certificate of Analysis	N	No relevant information	7/15/2009	7/15/2009	1
ADEQ 2	Wilseenaneous	Reports, e-mails	Analysis.rtf	Certificate of Arialysis		No relevant information	7/15/2005	7,13,2003	_
ADFO 2	Miscellaneous	Discharge Logs,	2009-07-20 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	7/20/2009	7/20/09 -	1
7.0242		Reports, e-mails	e-mail.pdf	re: weekly report		The reservance and an action	7,20,2003	7/26/09	_
ADEO 2	Miscellaneous	Discharge Logs,	2009-08-10 Gary's pond transfer	Pond transfer discharge logs	N	No relevant information	8/10/2009	6/22/09 -	5
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Reports, e-mails	discharge logs.pdf	l cha transfer algenarge rege			3, 23, 2333	8/10/09	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-08-20 Letter to EPA -	ADEQ letter to Region 6 regarding	N	No relevant information	8/20/2009	7/7/09 -	4
		Reports, e-mails	discharge notification.doc.pdf	discharge at Cedar Chemical			3,23,233	8/20/09	
ADFO 2	Miscellaneous	Discharge Logs,	2009-08-24 Certificate of	Certificate of Analysis	N	No relevant information	8/24/2009	8/24/2009	1
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Reports, e-mails	Analysis.rtf	Seramous erramanyon			3,2.,2000	3,2 1,2005	-
ADEO 2	Miscellaneous	Discharge Logs,	2009-08-24 weekly pond transfer	Pond transfer discharge logs	N	No relevant information	8/24/2009	8/10/09 -	5
7.0242	- Innocenance as	Reports, e-mails	fax.pdf	l ond transfer discharge logs		The reservance amountains	3,2 1,2003	8/24/09	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-08-31 Gary's pond transfer	Note from Gary Hill to Clay McDaniel	N	No relevant information	8/31/2009	8/3/09 -	6
		Reports, e-mails	discharge logs.pdf	re: discharge to river with pond			3,51,2555	9/7/09	
		Inches to, e mans	ansonange regerpar	transfer discharge logs				37.703	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-08-31 weekly pond transfer	Pond transfer discharge update	N	No relevant information	8/31/2009	8/31/09 -	1
		Reports, e-mails	fax.pdf	l			5,12,2111	9/6/09	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-09-07 weekly pond transfer	Pond transfer discharge update	N	No relevant information	9/7/2009	9/7/09 -	1
		Reports, e-mails	fax.pdf				-, -,	9/13/09	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-09-09 Letter to EPA -	ADEQ letter to Region 6 regarding	N	No relevant information	9/9/2009	8/3/09 -	4
3.7.		Reports, e-mails	discharge notification.doc.pdf	discharge at Cedar Chemical			-,-,-	9/9/09	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-09-14 Certificate of	Certificate of Analysis	N	No relevant information	9/14/2009	9/14/2009	1
		Reports, e-mails	Analysis.rtf	,			-,- ,		
ADEQ 2	Miscellaneous	Discharge Logs,	2009-09-14 weekly pond transfer	Weekly pond transfer discharge report	N	No relevant information	9/14/2009	9/14/2009 -	1
		Reports, e-mails	fax.pdf	, , , , , , , , , , , , , , , , , , , ,		ACCORD TO SHOW CONTRACTOR SOCIONATOR AND ANALYSIS ANALYSIS AND ANALYSIS ANALYSIS AND ANALYSIS ANALYSIS ANALYSIS AND ANALYSIS AND ANALYSIS AND ANALYSIS AND ANALYS		9/20/09	311-50
ADEQ 2	Miscellaneous	Discharge Logs,	2009-09-21 weekly pond transfer	Weekly pond transfer discharge report	N	No relevant information	9/20/2009	9/21/09 -	1
		Reports, e-mails	fax.pdf					9/27/09	,
ADEQ 2	Miscellaneous	Discharge Logs,	2009-09-28 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	9/28/2009	9/28/09 -	1
		Reports, e-mails	e-mail.pdf	re: weekly report				10/4/09	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-09-29 Gary's pond transfer	Pond transfer discharge logs	N	No relevant information	9/29/2009	8/3/09 -	7
		Reports, e-mails	discharge logs.pdf					9/29/09	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-10-05 Letter to EPA -	ADEQ letter to Region 6 regarding	N	No relevant information	10/5/2009	8/3/09 -	4
		Reports, e-mails	discharge notification.doc.pdf	discharge at Cedar Chemical				10/5/09	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-10-05 weekly pond transfer	Weekly pond transfer discharge report	N	No relevant information	10/5/2009	10/5/09 -	1
		Reports, e-mails	fax.pdf	W 2				10/11/09	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-10-12 weekly pond transfer	Weekly pond transfer discharge report	N	No relevant information	10/12/2009	10/12/09 -	1
		Reports, e-mails	fax.pdf					10/18/09	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-10-19 Gary's pond transfer	Pond transfer discharge logs	N	No relevant information	10/19/2009	9/21/09 -	6
		Reports, e-mails	discharge logs.pdf					10/19/09	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-10-19 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	10/19/2009	10/19/09 -	1
		Reports, e-mails	e-mail.pdf	re: weekly report				10/25/09	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-10-23 Letter to EPA -	ADEQ letter to Region 6 regarding	N	No relevant information	10/23/2009	9/28/09 -	4
		Reports, e-mails	discharge notification.doc.pdf	discharge at Cedar Chemical				10/23/09	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-10-28 Certificate of	Certificate of Analysis	N	No relevant information	10/28/2009	10/28/2009	1
		Reports, e-mails	Analysis.rtf				A1		
ADEQ 2	Miscellaneous	Discharge Logs,	2009-11-02 weekly pond transfer	Weekly pond transfer discharge report	N	No relevant information	11/2/2009	11/2/09 -	1
		Reports, e-mails	fax.pdf					11/8/09	

ADEO 2	Miscellaneous	Discharge Logs,	2009-11-09 Gary's pond transfer	Pond transfer discharge logs	N	No relevant information	11/9/2009	9/21/09 -	6
ADEQ 2	iviiscellarieous	Reports, e-mails	discharge logs.pdf	Polid transfer discharge logs	IN	No relevant information	11/9/2009	11/9/09	0
ADEO 3	NA:II			\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	N	No selevent information	11/0/2000	DOUGHT COMMANDED	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	2009-11-09 weekly pond transfer fax.pdf	Weekly pond transfer discharge report	IN	No relevant information	11/9/2009	11/9/09 - 11/15/09	1
ADEO 3	Miscellaneous	Discharge Logs,	2009-11-16 Letter to EPA -	ADEQ letter to Region 6 regarding	N	No relevant information	11/16/2009	9/28/09 -	4
ADEQ 2	iviiscellarieous	Reports, e-mails	discharge notification.doc.pdf	discharge at Cedar Chemical	IN	No relevant information	11/16/2009	11/16/09	4
ADEO 2	Miscellaneous	Discharge Logs,	2009-11-16 weekly pond transfer	Weekly pond transfer discharge report	N	No relevant information	11/16/2009	11/16/09 -	1
ADLQ 2	lviiscellarieous	Reports, e-mails	fax.pdf	weekly polid transfer discharge report	IN	No relevant information	11/10/2009	11/22/09	1
ADEO 2	Miscellaneous	Discharge Logs,	2009-11-23 Gary's pond transfer	Pond transfer discharge logs	N	No relevant information	11/23/2009	9/28/09 -	6
ADEQ 2	lviiscellarieous	Reports, e-mails	discharge logs.pdf	Polid transfer discharge logs	IN	No relevant information	11/25/2009	11/23/09	0
ADEO 3	Miscellaneous	Discharge Logs,	2009-11-23 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	11/23/2009	11/23/09 -	1
ADEQ 2	iviiscellaneous		10.0		IN	No relevant information	11/23/2009	11/23/09 -	1
ADEO 3	Miscellaneous	Reports, e-mails	e-mail.pdf 2009-11-24 Letter to EPA -	re: weekly report ADEQ letter to Region 6 regarding	N	No relevant information	11/24/2009	9/28/09 -	4
ADEQ 2	lviiscellaneous	Discharge Logs,			IN	No relevant information	11/24/2009	5 0	4
ADEO 3	NA:II	Reports, e-mails	discharge notification.doc.pdf 2009-12-01 Certificate of	discharge at Cedar Chemical	NI.	No relevent information	12/1/2000	11/24/09	1
ADEQ 2	Miscellaneous	Discharge Logs,		Certificate of Analysis	N	No relevant information	12/1/2009	12/1/2009	1
ADEO 3	5 A:	Reports, e-mails	Analysis.rtf	Marthur and borne for discharge and	NI.	No selected in fermionics	12/7/2000	12/7/00	1
ADEQ 2	Miscellaneous	Discharge Logs,		Weekly pond transfer discharge report	N	No relevant information	12/7/2009	12/7/09 -	1
ADE0 3	5 A' 11	Reports, e-mails	fax.pdf	B-11-C-11-L-1	N.	N. I. C. C. C.	42/44/2000	12/14/09	-
ADEQ 2	Miscellaneous	Discharge Logs,	2009-12-14 Gary's pond transfer	Pond transfer discharge logs	N	No relevant information	12/14/2009	11/9/09 -	6
1050.3		Reports, e-mails	discharge logs.pdf	5 75 6 1771 0 11 1		N. J. J. G. S.	42/44/2000	12/14/09	 _
ADEQ 2	Miscellaneous	Discharge Logs,	2009-12-14 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	12/14/2009	12/14/09 -	1
10500		Reports, e-mails	e-mail.pdf	re: weekly report			40/45/0000	12/27/09	
ADEQ 2	Miscellaneous	Discharge Logs,	2009-12-16 Letter to EPA -	ADEQ letter to Region 6 regarding	N	No relevant information	12/16/2009	11/23/09 -	4
		Reports, e-mails	discharge notification.pdf	discharge at Cedar Chemical			10/04/0000	12/16/09	-
ADEQ 2	Miscellaneous	Discharge Logs,	2009-12-21 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	12/21/2009	12/14/09 -	1
		Reports, e-mails	e-mail.pdf	re: weekly report				12/27/09	
ADEQ 2	Miscellaneous	Discharge Logs,	2010-01-04 weekly pond transfer	Weekly pond transfer discharge report	N	No relevant information	1/4/2010	1/4/10 -	1
		Reports, e-mails	fax.pdf					1/11/10	-
ADEQ 2	Miscellaneous	Discharge Logs,		Email from Gary Hill to Clay McDaniel	N	No relevant information	1/11/2010	1/11/10 -	1
		Reports, e-mails	e-mail.pdf	re: weekly report				1/17/10	
ADEQ 2	Miscellaneous	Discharge Logs,	2010-01-12 Gary's pond transfer	Pond transfer discharge logs	N	No relevant information	1/12/2010	11/4/09 -	6
		Reports, e-mails	discharge logs.pdf					1/12/10	
ADEQ 2	Miscellaneous	Discharge Logs,	2010-01-15 Letter to EPA -	ADEQ letter to Region 6 regarding	N	No relevant information	1/15/2010	11/23/09 -	4
		Reports, e-mails	discharge notification.pdf	discharge at Cedar Chemical				1/15/10	<u> </u>
ADEQ 2	Miscellaneous	Discharge Logs,	2010-01-18 weekly pond transfer	Weekly pond transfer discharge report	N	No relevant information	1/18/2010	1/18/10 -	1
		Reports, e-mails	fax.pdf					1/24/10	
ADEQ 2	Miscellaneous	Discharge Logs,	2010-01-25 weekly pond transfer	Weekly pond transfer discharge report	N	No relevant information	1/25/2010	1/25/10 -	1
	221	Reports, e-mails	fax.pdf					1/31/10	—
ADEQ 2	Miscellaneous	Discharge Logs,	2010-02-01 Gary's pond transfer	Pond transfer discharge logs	N	No relevant information	2/1/2010	12/28/09 -	6
		Reports, e-mails	discharge logs.pdf					12/1/10	
ADEQ 2	Miscellaneous	Discharge Logs,	2010-02-01 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	2/1/2010	2/1/10 -	1
		Reports, e-mails	e-mail.pdf	re: weekly report				2/7/10	—
ADEQ 2	Miscellaneous	Discharge Logs,	2010-02-03 EPA notification.doc	ADEQ letter to Region 6 regarding	N	No relevant information	2/3/2010	2/3/2010	1
		Reports, e-mails		discharge at Cedar Chemical					<u> </u>
ADEQ 2	Miscellaneous	Discharge Logs,	2010-02-03 Letter to EPA -	ADEQ letter to Region 6 regarding	N	No relevant information	2/3/2010	1/18/10 -	4
		Reports, e-mails	discharge notification.pdf	discharge at Cedar Chemical				2/3/10	
ADEQ 2	Miscellaneous	Discharge Logs,	2010-02-08 weekly pond transfer	Weekly pond transfer discharge report	N	No relevant information	2/8/2010	2/8/10 -	1
		Reports, e-mails	e-mail.pdf					2/14/10	
ADEQ 2	Miscellaneous	Discharge Logs,	2010-02-15 weekly pond transfer	Weekly pond transfer discharge report	N	No relevant information	2/15/2010	2/15/10 -	1
		Reports, e-mails	fax.pdf					2/21/10	
ADEQ 2	Miscellaneous	Discharge Logs,	2010-02-16 Certificate of	Certificate of Analysis	N	No relevant information	2/16/2010	2/16/2010	1
		Reports, e-mails	Analysis.rtf						

ADEQ 2	Miscellaneous	Discharge Logs,	2010-02-22 Gary's pond transfer	Pond transfer discharge logs	N	No relevant information	2/22/2010	1/4/10 -	6
		Reports, e-mails	discharge logs.pdf					2/22/10	
ADEQ 2	Miscellaneous	Discharge Logs,	2010-02-22 weekly pond transfer	Weekly pond transfer discharge report	N	No relevant information	2/22/2010	2/22/10 -	1
		Reports, e-mails	fax.pdf	, ,			an Processor	2/28/10	
ADEQ 2	Miscellaneous	Discharge Logs,	2010-02-26 EPA notification.doc	ADEQ letter to Region 6 regarding	N	No relevant information	2/26/2010	2/26/2010	1
		Reports, e-mails		discharge at Cedar Chemical					
ADEQ 2	Miscellaneous	Discharge Logs,	2010-02-26 Letter to EPA -	ADEQ letter to Region 6 regarding	N	No relevant information	2/26/2010	1/18/10 -	4
		Reports, e-mails	Discharge Notification.pdf	discharge at Cedar Chemical			, a a	2/26/10	
ADEQ 2	Miscellaneous	Discharge Logs,	2010-03-01 weekly pond transfer	Weekly pond transfer discharge report	N	No relevant information	3/1/2010	3/1/10 -	1
		Reports, e-mails	fax.pdf					3/7/10	
ADEQ 2	Miscellaneous	Discharge Logs,	2010-03-08 Certificate of	Certificate of Analysis	N	No relevant information	3/8/2010	3/8/2010	1
		Reports, e-mails	Analysis.rtf	~			8 8		
ADEQ 2	Miscellaneous	Discharge Logs,	2010-03-08 weekly pond transfer	Weekly pond transfer discharge report	N	No relevant information	3/8/2010	3/8/10 -	1
		Reports, e-mails	fax.pdf					3/14/10	
ADEQ 2	Miscellaneous	Discharge Logs,	2010-03-15 weekly pond transfer	Weekly pond transfer discharge report	N	No relevant information	3/15/2010	3/15/10 -	1
		Reports, e-mails	fax.pdf					3/21/10	
ADEQ 2	Miscellaneous	Discharge Logs,	2010-03-16 Certificate of	Certificate of Analysis	N	No relevant information	3/16/2010	3/16/2010	1
		Reports, e-mails	Analysis.rtf						
ADEQ 2	Miscellaneous	Discharge Logs,	2010-03-22 Gary's pond transfer	Pond transfer discharge logs	N	No relevant information	3/22/2010	2/15/10 -	6
		Reports, e-mails	discharge logs.pdf					3/22/10	
ADEQ 2	Miscellaneous	Discharge Logs,	2010-03-22 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	3/22/2010	3/22/10 -	1
		Reports, e-mails	e-mail.pdf	re: weekly report				4/4/10	
ADEQ 2	Miscellaneous	Discharge Logs,	2010-03-24 EPA notification.doc	ADEQ letter to Region 6 regarding	N	No relevant information	3/24/2010	3/24/2010	1
		Reports, e-mails		discharge at Cedar Chemical					
ADEQ 2	Miscellaneous	Discharge Logs,	2010-03-24 Letter to EPA -	ADEQ letter to Region 6 regarding	N	No relevant information	3/24/2010	3/8/10 -	4
		Reports, e-mails	Discharge Notification.pdf	discharge at Cedar Chemical				3/24/10	
ADEQ 2	Miscellaneous	Discharge Logs,	2010-04-05 weekly pond transfer	email from Gary Hill to Clay McDaniel	N	No relevant information	4/5/2010	4/5/10 -	1
		Reports, e-mails	e-mail.pdf	re: weekly report				4/11/10	
ADEQ 2	Miscellaneous	Discharge Logs,	2010-04-12 weekly pond transfer	Weekly pond transfer discharge report	N	No relevant information	4/12/2010	4/12/10 -	1
		Reports, e-mails	fax.pdf					4/18/10	
ADEQ 2	Miscellaneous	Discharge Logs,	2010-04-19 weekly pond transfer	Weekly pond transfer discharge report	N	No relevant information	4/19/2010	4/19/10 -	1
		Reports, e-mails	fax.pdf					4/25/10	
ADEQ 2	Miscellaneous	Discharge Logs,	2010-04-20 Certificate of	Certificate of Analysis	N	No relevant information	4/20/2010	4/20/2010	1
		Reports, e-mails	Analysis.rtf						
ADEQ 2	Miscellaneous	Discharge Logs,	2010-04-26 Gary's pond transfer	Pond transfer discharge logs	N	No relevant information	4/26/2010	3/8/10 -	7
		Reports, e-mails	discharge logs.pdf					4/26/10	
ADEQ 2	Miscellaneous	Discharge Logs,	2010-04-26 weekly pond transfer	email from Gary Hill to Clay McDaniel	N	No relevant information	4/26/2010	4/26/10 -	1
	5.10	Reports, e-mails	e-mail.pdf	re: weekly report				5/2/10	
ADEQ 2	Miscellaneous	Discharge Logs,	2010-05-03 EPA notification.doc	ADEQ letter to Region 6 regarding	N	No relevant information	5/3/2010	5/3/2010	1
		Reports, e-mails		discharge at Cedar Chemical					
ADEQ 2	Miscellaneous	Discharge Logs,	2010-05-03 Letter to EPA -	ADEQ letter to Region 6 regarding	N	No relevant information	5/3/2010	3/8/10 -	4
		Reports, e-mails	Discharge Notification.pdf	discharge at Cedar Chemical				5/3/10	
ADEQ 2	Miscellaneous		2010-05-03 weekly pond transfer	Email from Gary Hill to Clay McDaniel	N	No relevant information	5/3/2010	5/3/10 -	1
		Reports, e-mails	e-mail.pdf	re: weekly report				5/9/10	
ADEQ 2	Miscellaneous	Discharge Logs,	2010-05-10 weekly pond transfer	Weekly pond transfer discharge report	N	No relevant information	5/10/2010	5/10/10 -	1
		Reports, e-mails	fax.pdf					5/16/10	
ADEQ 2	Miscellaneous	Discharge Logs,	2010-05-17 weekly pond transfer	Weekly pond transfer discharge report	N	No relevant information	5/17/2010	5/17/10 -	1
		Reports, e-mails	fax.pdf					5/23/10	APPARATURE TO THE PARAMETER AP
ADEQ 2	Miscellaneous	Discharge Logs,	2010-05-24 Gary's pond transfer	Pond transfer discharge logs	N	No relevant information	5/24/2010	4/5/10 -	6
	on tree	Reports, e-mails	discharge logs.pdf		ana.			5/24/10	
ADEQ 2	Miscellaneous	Discharge Logs,	2010-05-27 EPA notification.doc	ADEQ letter to Region 6 regarding	N	No relevant information	5/27/2010	5/27/2010	1
		Reports, e-mails		discharge at Cedar Chemical					

ADEQ 2	Miscellaneous	Discharge Logs,		2010-06-01 Letter to EPA -	ADEQ letter to Region 6 regarding	N	No relevant information	6/1/2010	4/26/10 -	4
		Reports, e-mails		Discharge at Cedar.pdf	discharge at Cedar Chemical				6/1/10	
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails		Cc list when I send the letter.doc	List of names for cc: and bc:	N	No relevant information	Undated	Undated	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails		New Filing System.lnk	Broken shortcut	N	No relevant information.	NA		NA
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails		Routing Slip revised 2009 .doc	Hazardous Waste Division Routing Slip for Sole-source Contract Request for Gary Hill	N	No relevant information	5/28/2009	5/28/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails		WorkOrder1.doc	Hazardous Waste Division Work Order for copying	N	No relevant information	Undated	Undated	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	ADEQ Report (39).msg	Email from Jeff Reuhr to Clay McDaniel with attached Certificate of Analysis	N	No relevant information	6/10/2009	6/10/2009	2
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	ADEQ Report.msg	Email from Jeff Reuhr to Clay McDaniel with attached Certificate of Analysis	N	No relevant information	4/1/2010	4/1/2010	2
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	Calibration quote.msg	Email from Instrument and Supply, Inc. to Clay McDaniel with attached quote for calibrations	N	No relevant information	12/18/2009	12/18/2009	2
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	Cedar Chemical .msg	Email from Clyde Rhodes to Clay McDaniel regarding attorney notification of holding tanks	N	No relevant information	3/3/2010	3/3/2010	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	Cedar Chemical discharge to the river (30).msg	Email from Clay McDaniel to Mo Shafi, Steve Drown, Jeff Ruehr and Dick Cassat re: Cedar Chemical Discharge to the River	N	No relevant information	8/25/2009	8/25/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	Cedar Chemical discharge to the river (35).msg	Email from Gary Hill to Clay McDaniel regarding Cedar Chemical Discharge to the River	N	No relevant information	7/27/2009	7/27/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	Cedar Chemical discharge to the river (36).msg	Email from Gary Hill to Clay McDaniel regarding Cedar Chemical Discharge to the River	N	No relevant information	7/6/2009	7/6/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	Cedar Chemical discharge to the river (38).msg	Email from Gary Hill to Clay McDaniel regarding Cedar Chemical Discharge to the River	N	No relevant information	6/10/2009	6/10/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	Cedar Chemical discharge to the river (44).msg	Email from Gary Hill to Clay McDaniel regarding Cedar Chemical Discharge to the River	N	No relevant information	5/26/2009	5/26/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	Cedar Chemical discharge to the river (46).msg	Email from Gary Hill to Clay McDaniel regarding Cedar Chemical Discharge to the River	N	No relevant information	5/18/2009	5/18/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	Cedar Chemical discharge to the river.msg	Email from Clay McDaniel to Gary Hill re: Cedar Chemical Discharge to the River	N	No relevant information	8/26/2009	8/26/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	Cedar Chemical river discharge.msg	Email from Gary Hill to Clay McDaniel regarding Cedar Chemical Discharge to the River	N	No relevant information	10/7/2009	10/7/2009	1
ADEQ 2		Discharge Logs, Reports, e-mails	e-mails	Cedar Chemical run.msg	Email from Clay McDanial to James Starling re: Cedar Chemical run	N	No relevant information	8/25/2009	8/25/2009	1

ADEQ 2	Miscellaneous	Discharge Logs,	e-mails	Cedar Chemical.msg	Email from Clay McDaniel to Nancy	N	No relevant information	7/7/2009	5/25/09 -	4
		Reports, e-mails			Williams EPA with attached letter		Biologica Scientification (Anticologica Britania (Anticologica Anticologica Anticol	50 F 20 F 20 000000000000000000000000000	7/7/09	
					regarding discharge from Cedar					
					Chemical facility					
ADEQ 2	Miscellaneous	Discharge Logs,	e-mails	Cedar Discharge to River (26).msg	Email from Clay McDaniel to Nancy	N	No relevant information	10/23/2009	9/28/09 -	4
		Reports, e-mails			Williams EPA with attached letter				10/23/09	
					regarding discharge from Cedar					
					Chemical facility					
ADEQ 2	Miscellaneous	Discharge Logs,	e-mails	Cedar Discharge to River (28).msg	Email from Clay McDaniel to Nancy	N	No relevant information	10/5/2009	8/3/09 -	4
		Reports, e-mails			Williams EPA with attached letter				10/5/09	
					regarding discharge from Cedar					
					Chemical facility					
ADEQ 2	Miscellaneous	170 170 1	e-mails	Cedar Discharge to River (32).msg	Email from Clay McDaniel to Nancy	N	No relevant information	8/20/2009	7/7/09 -	4
		Reports, e-mails			Williams EPA with attached letter				8/20/09	
					regarding discharge from Cedar					
1050.2	A 41 11	5: 1 1	191	6 1 8: 1 1 8:	Chemical facility		A	11/15/2000	0 /00 /00	٠.
ADEQ 2	Miscellaneous	Discharge Logs,	e-mails	Cedar Discharge to River.msg	Email from Clay McDaniel to Nancy	N	No relevant information	11/16/2009	9/28/09 -	4
		Reports, e-mails			Williams EPA with attached letter				11/16/09	
					regarding discharge from Cedar Chemical facility					
ADEO 2	Miscellaneous	Discharge Logs,	e-mails	Cedar discharge to the river	Email from Gary Hill to Clay McDaniel	N	No relevant information	12/3/2009	12/3/2009	1
ADLQ 2	Wilscellarieous	Reports, e-mails	le-ilialis	(18).msg	regarding Cedar Chemical Discharge to	14	No relevant information	12/3/2009	12/3/2003	1
		Reports, e mans		(10).1113g	the River					
ADEQ 2	Miscellaneous	Discharge Logs,	e-mails	Cedar discharge to the river.msg	Email from Gary Hill to Clay McDaniel	N	No relevant information	4/13/2010	4/13/2010	1
710-4-	· · · · · · · · · · · · · · · · · · ·	Reports, e-mails	le mans	cedar diseriarge to the riverimisg	regarding Cedar Chemical Discharge to	.,	The resevant innermation	1,13,2010	1,710,2010	_
					the River					
ADEQ 2	Miscellaneous	Discharge Logs,	e-mails	Cedar Disharge to the River	Email from Clay McDaniel to Nancy	N	No relevant information	5/20/2009	4/6/09 -	4
		Reports, e-mails		(45).msg	Williams EPA with attached letter				5/20/09	
					regarding discharge from Cedar					
					Chemical facility					
ADEQ 2	Miscellaneous	Discharge Logs,	e-mails	Cedar Disharge to the River.msg	Email from Clay McDaniel to Nancy	N	No relevant information	6/16/2009	4/13/09 -	4
		Reports, e-mails			Williams EPA with attached letter				6/16/09	
					regarding discharge from Cedar					
	s se u				Chemical facility					
ADEQ 2	Miscellaneous	Discharge Logs,	e-mails	Cedar Drop Off.msg	Email from Clay McDaniel to James	N	No relevant information	11/20/2009	11/20/2009	1
4050.2		Reports, e-mails		0 1 1 1 1 (40)	Starling re: Cedar Drop Off			2/42/2010	2/42/2040	-
ADEQ 2	Miscellaneous	Discharge Logs,	e-mails	Cedar river discharge (10).msg	Email from Clay McDaniel to Gary Hill	N	No relevant information	3/12/2010	3/12/2010	1
ADEO 3	Miscellaneous	Reports, e-mails	e-mails	Codor river disabarge (14)	re: Cedar River Discharge	N	No relevant information	3/11/2010	3/11/2010	1
ADEQ 2	iviiscellaneous	Discharge Logs, Reports, e-mails	e-mails	Cedar river discharge (14).msg	Email from Clay McDaniel to Mo Shafi, Steve Drown, Jeff Ruehr and Dick	IN	no relevant information	3/11/2010	3/11/2010	1
		Reports, e-mails			Cassat re: Cedar Chemical Discharge to					
					the River					
ADEO 2	Miscellaneous	Discharge Logs,	e-mails	Cedar river discharge (22).msg	Email from Gary Hill to Clay McDaniel	N	No relevant information	2/9/2010	2/9/2010	1
,10242	· · · · · · · · · · · · · · · · · · ·	Reports, e-mails	le mans	cedar river disentinge (22) misg	re: Cedar river discharge		The relevant information	2,3,2010	2,3,2010	
ADEQ 2	Miscellaneous	Discharge Logs,	e-mails	Cedar river discharge (25).msg	Email from Gary Hill to Clay McDaniel	N	No relevant information	1/19/2010	1/19/2010	1
		Reports, e-mails			re: Cedar river discharge			_,,_		
ADEQ 2	Miscellaneous	Discharge Logs,	e-mails	Cedar River Discharge (3).msg	Email from Gary Hill to Clay McDaniel	N	No relevant information	12/28/2009	12/28/2009	1
		Reports, e-mails			re: Cedar river discharge					
ADEQ 2	Miscellaneous	Discharge Logs,	e-mails	Cedar river discharge (4).msg	Email from Gary Hill to Clay McDaniel	N	No relevant information	11/12/2009	11/12/2009	1
		Reports, e-mails			re: Cedar river discharge			D 000		<u></u>
ADEQ 2	Miscellaneous	Discharge Logs,	e-mails	Cedar river discharge (6).msg	Email from Gary Hill to Clay McDaniel	N	No relevant information	10/27/2009	10/27/2009	1
		Reports, e-mails			re: Cedar river discharge					

ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	Cedar river discharge.msg	Email from Gary Hill to Clay McDaniel re: Cedar river discharge	N	No relevant information	5/12/2010	5/12/2010	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	Cedar.msg	Email from Gary Hill to Clay McDaniel re: change to weekly report	N	No relevant information	11/23/2009	11/23/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	Discharge at Cedar Chemical (11).msg	Email from Clay McDaniel to Nancy Williams EPA with attached letter regarding discharge from Cedar Chemical facility	N	No relevant information	3/24/2010	3/8/10 - 3/24/10	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	Discharge at Cedar Chemical (15).msg	Email from Clay McDaniel to Nancy Williams EPA with attached letter regarding discharge from Cedar Chemical facility	N	No relevant information	2/3/2010	1/18/10 - 2/3/10	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	Discharge at Cedar Chemical (19).msg	Email from Clay McDaniel to Nancy Williams EPA with attached letter regarding discharge from Cedar Chemical facility	N	No relevant information	1/15/2010	11/23/09 - 1/15/10	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	Discharge at Cedar Chemical (2).msg	Email from Clay McDaniel to Nancy Williams EPA with attached letter regarding discharge from Cedar Chemical facility	N	No relevant information	12/17/2009	11/23/09 - 12/17/09	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	Discharge at Cedar Chemical (7).msg	Email from Clay McDaniel to Nancy Williams EPA with attached letter regarding discharge from Cedar Chemical facility	N	No relevant information	11/24/2009	9/28/09 - 11/25/09	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	Discharge at Cedar Chemical .msg	Email from Clay McDaniel, ADEQ, to Nancy Williams, USEPA, and five others, no affiliation stated, submitting a notification of discharge from Cedar Chemical facility. The attached letter dated 11/24/2009, from Clay McDaniel, ADEQ, to Nancy Williams, USEPA, reporting a discharge of 1,336,306 gal; pH and temperature records attached.	N	No relevant information	11/25/2009	11/16/2009- 11/23/2009	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	FW Cedar Chemical discharge to the river (37).msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat plus two others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor.	N	No relevant information	6/25/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	FW Cedar Chemical discharge to the river (42).msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat plus two others, requesting permission to discharge from Cedar Chemical next week.	N	No relevant information	5/28/2009		1

ADEQ 2 Miscellaneous	Discharge Logs	e-mails	FW Cedar Chemical discharge to	Email from Clay McDaniel, ADEQ, to	N	No relevant information	7/28/2009	1
ADLQ 2 Miscellalleous	Reports, e-mails	e-mans	the river.msg	Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat plus two others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor.	14	No relevant information	7/26/2009	
ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	FW Cedar Chemical river discharge.msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat plus two others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor.	N	No relevant information	10/7/2009	1
ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	FW Cedar discharge to the river (16).msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge.	N	No relevant information	12/7/2009	1
ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	FW Cedar discharge to the river (17).msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat and copying two others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor.	N	No relevant information	12/3/2009	1
ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	FW Cedar discharge to the river.msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat and copying two others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor.	N	No relevant information	4/13/2010	1
ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	FW Cedar river discharge (12).msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge.	N	No relevant information	12/31/2009	1
ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	FW Cedar river discharge (13).msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat and copying two others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor.	N	No relevant information	12/29/2009	1.

ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	FW Cedar river discharge (20).msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge. Email from Gary Hill to Clay McDaniel, dated 11/12/2009, states he is using his last cooler.	N	No relevant information	11/13/2009	1
ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	FW Cedar river discharge (21).msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat and copying two others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor, who states he is using his last cooler.	N	No relevant information	11/12/2009	1
ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	FW Cedar river discharge (23).msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge.	N	No relevant information	10/29/2009	1
ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	FW Cedar river discharge (24).msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat and copying two others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor.	N	No relevant information	10/28/2009	1
ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	FW Cedar river discharge (5).msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat and copying two others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor.	N	No relevant information	2/10/2010	1
ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	FW Cedar river discharge (9).msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat and copying two others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor.	N	No relevant information	1/20/2010	1

ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	FW Cedar river discharge.msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat and copying two others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor.	N	No relevant information	5/13/2010		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	FW Discharge to the river.msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat and copying three others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor, who notes he will need more airbills and pH buffers	N	No relevant information	12/20/2008		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	FW fed ex.msg	Email string initiated by Larissa Trent, ADEQ, requesting cost center information for a FedEx bill.	N	No relevant information	8/25/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	FW River discharge.msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat and copying two others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor.	N	No relevant information	9/17/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	FW Weekly report .msg	Email from Melanie Foster to Clay Mc Daniel plus two others transmitting Gary Hill's weekly report for week of 12/22-28/2008. Report includes number of hours and locations of discharge activities plus contractor activities and hours spent plus amount of rain fall.	N	No relevant information	12/30/2008	12/22/2008- 12/28/2008	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	Fwd River discharge.msg	Email from Gary Hill to Clay McDaniel, ADEQ, stating readiness to discharge to the river on 9/21/2009.	N	No relevant information	9/16/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	making a Cedar run .msg	Email from Clay McDaniel, ADEQ, to Eric Fleming plus two others regarding need for contactor supplies.	N	No relevant information	8/25/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	RE Anyone traveling to W Helena (31).msg	Email from Clay McDaniel, ADEQ, to Penny Wilson and two others asking if anyone plans travel to West Helena as contractor needs supplies; response "not at this time."	N	No relevant information	8/24/2009		1

ADEQ 2 Miscellaneou	IS Discharge Logs.	e-mails	RE Anyone traveling to W Helena	Continuation of above email string	N	No relevant information	8/24/2009	1
	Reports, e-mails		.msg	with response from Tammie Hynum to Clay McDaniel that Greenway went last week and to check with Water Division.				
ADEQ 2 Miscellaneou	Discharge Logs, Reports, e-mails	e-mails	RE Cedar Chemical discharge to the river (33).msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge. Hill notes he will need coolers, pH buffers and shipping bills for the next discharge.	N	No relevant information	7/30/2009	1
ADEQ 2 Miscellaneou	Discharge Logs, Reports, e-mails	e-mails	RE Cedar Chemical discharge to the river (34).msg	Email from Jeff Ruehr to Clay Mc Daniel stating that planned discharge can proceed; contractor notes need for coolers, pH buffers and shipping bills for the next discharge.	N	No relevant information	7/28/2009	1
ADEQ 2 Miscellaneou	Discharge Logs, Reports, e-mails	e-mails	RE Cedar Chemical discharge to the river (40).msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge. Email string includes email from McDaniel to self with a possible change in wording of his instructions to Hill.	N	No relevant information	5/29/2009	1
ADEQ 2 Miscellaneou	Discharge Logs, Reports, e-mails	e-mails	RE Cedar Chemical discharge to the river (41).msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge.	N	No relevant information	5/29/2009	1
ADEQ 2 Miscellaneou	Discharge Logs, Reports, e-mails	e-mails	RE Cedar Chemical discharge to the river (47).msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge and requesting samples be collected for BOD, TOC, and TSS analyses to be done at the ADEQ laboratory. Email string includes referenced request to discharge from contractor and email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat and copying two others, requesting permission to discharge from Cedar Chemical next week.	N	No relevant information	5/7/2009	1

ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	Re Cedar Chemical discharge to the river.msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge. Email string include contractor request to discharge and acknowledgement of permission to do so.	N	No relevant information	7/31/2009	1
ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	RE Cedar Chemical river discharge.msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge. Email string include contractor request to discharge.	N	No relevant information	10/8/2009	1
ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	RE Cedar Chemical run.msg	Email from Clay McDaniel, ADEQ, to James Starling, ADEQ, and copying two others, stating that Starling will be in town to pick up contractor requested supplies and asking him to also purchase gas for the contractor with a response from Starling of his estimated arrival time.	N	No relevant information	8/25/2009	1
ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	RE Cedar Chemical.msg	Email from Gary Hill to Berea Little, ADEQ, asking for balance left on his contract with response from Little that \$3,314.76 remains.	N	No relevant information	6/8/2010	1
ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	RE Cedar discharge to the river.msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge. Email string include contractor request to discharge.	N	No relevant information	4/14/2010	1
ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	Re Cedar report.msg	Email exchange between Clay McDaniel, ADEQ, and Gary Hill, regarding the status of the property with response from Hill that he had to clear out his work area and would send a bill for the "weed eating."	N	No relevant information	4/27/2010	1
ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	RE Cedar river discharge (8).msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge. Email string include contractor request to discharge.	N	No relevant information	1/21/2010	1

ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	RE Cedar river discharge.msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge. Email string include contractor request to discharge.	N	No relevant information	5/13/2010		1
ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	RE fed ex.msg	Email string initiated by Larissa Trent, ADEQ, requesting cost center information for a FedEx bill. Response from Clay McDaniel that cost center is 451085.	N	No relevant information	8/25/2009		1
ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	RE Gary Hill Cedar Chemical (1).msg	Email from Clyde Rhodes, ADEQ, to Bobby Hampton and five others, that ADEQ will continue to need Gary Hill's services for the Cedar Chemical site.	N	No relevant information	4/30/2010		1
ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	RE Gary Hill Cedar Chemical.msg	Email response from Bobby Hampton to Clyde Rhodes, ADEQ, and five others, that Gary Hill's current contract will expire 06/30/2010.	N	No relevant information	4/30/2010		1
ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	RE making a Cedar run (29).msg	Email response from Eric Fleming to Clay McDaniel and two others that Fleming has no one headed to West Helena. This in response to Clay's email that contractor Gary Hill needed supplies at that location by the next Monday	N	No relevant information	8/25/2009		1
ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	RE making a Cedar run .msg	Email from Clay Mc Daniel to Eric Fleming thanking him for his response that Fleming did not have anyone scheduled to do to the Cedar Chemical site.	N	No relevant information	8/25/2009		1
ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	RE River discharge.msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge. Email string include contractor request to discharge.	N	No relevant information	9/18/2009		1
ADEQ 2 Miscellaneous	Discharge Logs, Reports, e-mails	e-mails	Weekly report (27).msg	Email from Gary Hill to Clay Mc Daniel transmitting Hill's weekly report for week of 9/28/2009-10/04/2009. Report includes number of hours and locations of discharge activities plus contractor activities and hours spent plus amount of rain fall.	N	No relevant information	10/7/2009	9/28/2009- 10/04/2009	1

ADEQ 2	Miscellaneous	Discharge Logs,	e-mails	Weekly report (43).msg	Email from Gary Hill to Clay Mc Daniel	N	No relevant information	5/27/2009	05/18/2009-	1
		Reports, e-mails			transmitting Hill's weekly report for				5/24/2009	
					week of 05/18/2009-5/24/2009.					
					Report includes number of hours and					
					locations of discharge activities plus					
					contractor activities and hours spent					
					plus amount of rain fall.					
ADEO 2	Miscellaneous	Discharge Logs,	e-mails	Weekly report.msg	Email from Gary Hill to Clay Mc Daniel	N	No relevant information	2/9/2010	2/1/2010-	1
7.0202		Reports, e-mails		, , ,	transmitting Hill's weekly report for		The relevant mismaden	2,3,2010	2/7/2010	_
		,			week of 2/1/2010-2/7/2010. Report				_,,,	
					includes number of hours and					
					locations of discharge activities plus					
					contractor activities and hours spent					
					plus amount of rain fall.					
									# pages	7,985

Source	Folder	Subfolder_1	Subfolder _2	Subfolder_3	Document name	General Document Description	Releva	nt Description of Relevance	Doc. Date	Date Range	Page Count		1 1
	Ansul, Tyco, Wormald				2007-03-22 CAO LIS 07-027 (signed by the 3 PRPs).pdf	Consent Administrative Order (CAO) between ADEQ and Ansul, Helena Chemical, and ExxonMobil Chemical	Y	Provides brief summary of site background (page 4); links 3 parties (Ansul, Inc. FKA Wormald US, Inc.; Helena Chemical Co.; and ExxonMobil Chemical Co., Div. of ExxonMobil Corp.) to site (page 1).	3/22/2007		16		
	Ansul, Tyco, Wormald				2008-02-13 Aerial view of Cedar with colored in areas.pdf	Site map from Facility Investigation with structures, wells, and hand-written notes	Y	Provides some contaminant distribution information as of the date of the map.	6/28/1996		1		
ADEQ1	Ansul, Tyco, Wormald				2009-03-30 Letter report to ADEQ - SI Report.pdf	Submittal of Letter Report titled Wormald Site Investigation Report, to ADEQ by AECOM on behalf of Tyco Safety Products; project objective was to investigate high levels of dinoseb at Site 3 obtained in 1996.	Y	The objective was to investigate the high levels of dinoseb, a constituent of concern, found in 1996 through additional soil sampling and analysis. Analytic results for soi samples collected from 4 to 8-foot depths showed all samples below EPA EPA Region 6 Medium-Specific Screening List (MSSL) standards (page 3).		03/1-29/ 2009	88		
ADEQ1	Ansul, Tyco, Wormald				2009-04-09 Letter to AECOM - comments on SI Report.pdf	ADEQ comments to AECOM on Wormald Site Investigation Report	Y	ADEQ stated that report did not use the most recent Region 6 MSSL and that all dinoseb results exceeded the level for "protection of groundwater," the correct standard to use.	4/9/2009		2		
ADEQ1	Ansul, Tyco, Wormald				2009-04-27 Letter to ADEQ - response to comments (includes revised SI Report).pdf	Response letter to ADEQ with revised Wormald Site Investigation Report by AECOM on behalf of Tyco Safety Products.	Y	Revised report acknowledged that dinoseb results exceeded EPA MCL, but contended all results were below EPA Region 6 MSSL for "industrial soil" and require no further delineation.	4/27/2009		116		
ADEQ1	Ansul, Tyco, Wormald				2009-05-04 Letter to AECOM - comments on SI Report.pdf	ADEQ comments to AECOM on Wormald Site Investigation Report, revised 04/27/2009 pointing out contradictions and errors.	Y	Since an out-dated standard was used, soil samples above and below the interval, previously held back, may need analysis.	5/4/2009		2		
ADEQ1	Ansul, Tyco, Wormald				2009-05-21 Letter to ADEQ - Response to ADEQ Comments.pdf	Response letter to ADEQ with Wormald Site Investigation Report "change out pages" from AECOM on behalf of Tyco Safety Products.	Y	AECOM on behalf of Tyco Safety Products, removed the statement that "no further delineation is required" for the soil samples held back; however, holding times had been exceeded.	5/21/2009		14		
ADEQ1	Ansul, Tyco, Wormald				2009-06-29 Site 3 Focused Feasibility Study Report.pdf (dinoseb in soil)	Focused Feasibility Study Report Site 3, prepared by AECOM on behalf of Tyco Safety Products with emphasis on remediation of dinoseb-impacted subsurface soils at Site 3.	Y	Section 2-2 (page 22) lists six production units and describes and locates Site 3; Section 3.0. describes soil types to ~150 ft. bgs (page 25); discussion of hydrology, surface water (pages 26-28); table with biodegradation parameters for dinoseb pathways (page 29). Report also includes Conceptual Site Model to describe movement and remediation by microbial degradation (page 31). Concludes that natural attenuation caused major reduction ir dinoseb concentration (page 33). Figure 3-1 has historic soil sampling locations (page 74).	ž	1996-2009	196		
ADEQ1	Ansul, Tyco, Wormald				2009-07-13 Cindy's comments on FS.doc (soil info)	ADEQ internal memo commenting on Feasibility Study submitted by AECOM December 2007	Y	Comments include reference to monitoring wells near Site 3 with dinoseb concentrations in perched aquifer which could impact Site 3. Author contends insufficient sampling data to conclude no contamination is present.	7/13/2009		2		
	Ansul, Tyco, Wormald	2008-08-25 Ann Faitz request for documents			1988-07-00 Hydrogeologic Study.pdf (soils & hydro info	Hydrogeologic Study of site done for Cedar Chemical Corp. by engineering firm	Y	Has subsurface physical parameters as of 1988 such as depth to perched aquifer (pages 12-13), groundwater flow direction (page 13); also site map (page 16).			38		
ADEQ1	Ansul, Tyco, Wormald	2008-08-25 Ann Faitz request for documents			1991-12-12 memo on December 12, 1991.pdf	Internal memo (agency not identified, presumably ADEQ) of a site visit to inspect SWMUs listed in the "facility investigation preliminary report" submitted Oct. 1991.	Y	Includes description and operation of various components of the WWTP on site. Also visited was the SW pond and ditches (coated with oil). Also noted was yellow soil staining presumed to be dinoseb salts and odor at closed impoundments. Spills observed near processing units, not described. References made to future soil sampling.	***************************************		3		

ADEQ1	AMEC Documents	2006-03-21 To EPA Reg Allen Hamilton - Cedar' (processes listed p.3)		ng Y	P. 5 summarized site operations including process areas. Pp. 5-7 summarize groundwater, soil, and sediment. Pp. 8-9 list proposed sampling locations. 2006-03-31 Cedar Trip Report.pdf and 2006-03-31 Cedar Trip Report.doc are duplicates. Date in title (document name column) is incorrect.	3/31/2006		18		
					Correct date is 3/31/2006, from cover and					
					header.					
ADEQ1	AMEC Documents	2007-03-22 CAO LIS 07 the 3 PRPs).pdf	-027 (signed by Consent Administrative Order between Adeq and Ansul, Helena Chemical, ExxonMobil Chemical.	Y	P. 1 links 3 parties (Ansul Inc. FKA Wormald US; Helena Chemical Co.; and ExxonMobil Chemical Co., Div. of ExxonMobil Corp.) to site.	3/22/2007		16		
ADEQ1	AMEC	2007-11-09 3rd Month	ly Status Third Monthly Status Report from Geomatrix (PRP	Y	P. 1 cites ongoing monitoring well assessment	11/9/2007	10/01/200	5		
10:00:00:00:00	Documents	Report.pdf	contractor) to ADEQ.		and Current Conditions Report. P. 2 cotes PRP agreement to conduct SI and feasibility study as necessary. P. 3 cites escrow account agreement and deposit made by ExxonMobil and Helena Chemical.	11,3,2007	7- 10/31/200 7			
ADEQ1	AMEC	2007-11-16 Current	Conditions Report Current Conditions Report, part 1 of 4	Y	Pp. 25-37 cite prior, historical sampling	########		194		
	Documents	(1 of 4).pdf (site physic: list, data 1993-2001)			events, which document onsite and offsite contamination of VOCs, SVOCs, metals, and pesticides in soils, sediments, and groundwater. Contaminants include arsenic, total chromium, 1,2-DCA, dinoseb, methylene chloride, dieldrin.					
ADEQ1	AMEC	2007-11-16 Current	Conditions Report Current Conditions Report, part 2 of 4, figures	Y	Maps and cross sections showing monitoring	########		12		
	Documents	(2 of 4) (Figures 2 - 14)			well locations and groundwater concentrations. Pp. 4-12 compare analytical results to MSSLs.					
ADEQ1			Conditions Report Current Conditions Report, part 3 of 4, figures	Y	Maps showing soil contamination including	#########		4		
ADEQ1	Documents	(3 of 4) (Figures 16 - 19		V	concentrations exceeding MSSLs.	######################################		4	-	
52	Documents	(4 of 4) (Figures 20 - 24)	Conditions Report Current Conditions Report, part 4 of 4, figures	, Y	Maps showing soil contamination including concentrations exceeding MSSLs.	""""""		4		
ADEQ1		2007-12-10 4th Month		Y	P. 2 cites upcoming groundwater sampling	########	11/01/200	5		
	Documents	Report.pdf	contractor) to ADEQ.		event and Feasibility Study. P. 3 cites escrow account fully funded by PRPs and available to ADEQ and agreement between PRPs and ADEQ to conduct SI and feasibility study as necessary.		7- 11/30/200 7			
ADEQ1	AMEC Documents	2007-12-15 Sampling a Summary.pdf	nd Analysis Plan Sampling and Analysis Plan Summary prepared by Geomatrix Consultants, for ExxonMobil Corp. and Helena Chemical Company.	Y	Describes proposed groundwater sampling based on identified areas of contamination. P. 14 includes map of monitoring well locations	#########		14		
ADEQ1	AMEC	2008-01-07 Analytical	Fable - January Analytical Results of January 2008 Groundwater	Y	Documents groundwater samples with	1/7/2008		9		
	Documents	2008 Groundwater Date	a.pdf Sampling table		contaminants which exceed Primary and Secondary Drinking Water Standards, and exceed Tap Water MSSL.	0.000				
	Documents	2008-01-18 Facility Inv Workplan (FI WP).pdf	Geomatrix, contractor for ExxonMobil Chemical Co. and Helena Chemical Co.	oy Y	Pp. 11-20 include planned sampling, analytical methods and quality control.			935		
ADEQ1	AMEC Documents	2008-02-04 Letter to G comments on FI WP.pd		Y	Pp. 1-2 ADEQ states that proposed analyses will not adequately characterize the contamination at the site (specific contaminants and analyses are cited).	2/4/2008		17		
ADEQ1	AMEC Documents	2008-02-12 Tammies N	Meeting Notes.pdf Various documents with Meeting agenda ADEQ with handwritten notes.	Y	Pp. 6-11 table showing substances and concentrations detected in groundwater at site.	2/12/2008		13		
	Documents	2008-02-22 Figure - Mo Locations.pdf		Y	Shows sample locations and suspected waste burial areas.	2/22/2008		1		
	Documents	2008-02-22 Letter to A to ADEQ Comment Lett 4, 2008.doc		Y	Pp. 2-4 discussion of analytical parameters, and onsite contamination, including concentrations.	2/22/2008		5		
ADEQ1	AMEC Documents	2008-02-26 Letter to G conditional approval of		Y	p. 1 discussion of onsite contamination.	2/26/2008		2		
ADEQ1			k Plan (1 of 3).pdf Facility Investigation Workplan prepared by Geomat	rix Y	Pp. 12-17 outline sample collection. P. 18 lists	3/20/2008	 	33		
	Documents	200-03-20	for PRPs.		constituents to be analyzed. Pp. 25-33 are maps and cross sections of well locations and waste burial areas, showing known areas of contamination onsite.	3/20/2000		- 55		

DEQ1	AMEC Documents	2008-03-20 FI Work Plan (2 of 3) HASP 2008.pdf	H&S Plan prepared by Geomatrix for PRPs.	Υ	Pp. 13-14 Table lists contaminants and concentrations.	3/20/2008	235	5
EQ1	AMEC Documents	2008-03-20 FI Work Plan (3 of 3) QAPP	QAPP prepared by Geomatrix for PRPs.	Υ	Pp. 18-24 discuss sample collection methods; pp. 30-36 discuss QC.	3/20/2008	854	4
EQ1	AMEC Documents	2008-05-27 Supplement to FI WP (Figure 1 - Pesticides in Soil and GW) .pdf	Map of pesticides/herbicides in soil and groundwater and proposed monitoring well locations.	Y	Shows analytical results and Includes Soil and Groundwater Screening Levels for contaminants of concern.	5/27/2008	1	
Q1	AMEC Documents	2008-05-27 Supplement to FI WP (Figure 2 - VOCs in Soil and GW).pdf	Map of VOCs in soil and groundwater and proposed monitoring well locations.	Y	Shows analytical results and Includes Soil and Groundwater Screening Levels for contaminants of concern.	5/27/2008	1	
Q1	AMEC Documents	2008-05-27 Supplement to FI WP (Figure 3 - SVOCs in Soil and GW).pdf	Map of SVOCs in soil and groundwater and proposed monitoring well locations.	Y	Shows analytical results and Includes Soil and Groundwater Screening Levels for contaminants of concern.	5/27/2008	1	
Q1	AMEC Documents	2008-05-30 Figure - proposed alluvial off- site well map.pdf	Proposed off site monitoring well locations and depth of screened intervals.	Y	May help establish area of contamination.	5/30/2008	1	
EQ1	AMEC Documents	2008-08-28 FIWP Supplement No. 2 - Installation of additional alluvial aquifer wells.pdf	Proposal of additional groundwater monitoring wells offsite to identify extent of groundwater contamination.	Y	FI Investigation detected 1.2-DCA at furthest downgradient groundwater well sample location. Pp. 1-2 of this supplement requests approval to install additional monitoring wells to better delineate extent of offsite groundwater contamination.	8/28/2008	2	
:Q1	AMEC Documents	2008-08-28 FI WP Supplement No. 3 - proposal for drum vault.pdf	FI identified leaking and crushed drums in drum vault and soil concentrations exceeding screening levels of contaminants of concern in the immediate area. Proposal to remove contents, clean, and backfill drum vault, and demolish warehouse building.	Y	Pp. 1-2 FI Investigation detected contaminants of concern at levels exceeding soil screening levels, and documentation that contaminants are attributable to the site.	8/28/2008	2	
EQ1	AMEC Documents	2008-09-12 Letter to AMEC - NOD of Facility Investigation Workplan Supplement 3 [drum vault].pdf	ADEQ does not approve the PRP FI Workplan Supplement 3, Interim Measure of Removal from Drum Vault. ADEQ cites inadequate characterization of intact drum contents, lack of confirmation sampling, and lack of concurrence with standard practices and regulations. ADEQ requests an acceptable plan for removal of drum vault contents.	Y	Pp. 1-2 demonstrates inadequate proposed procedures for FI on part of PRPs.	9/12/2008	2	
EQ1	AMEC Documents	2008-10-01 Letter to ADEQ - request for approval of well location (1 of 2).pdf	Letter from AMAC to ADEQ requesting approval of alternate location for installation of offsite monitoring well.	Y	P. 1 change in location of monitoring well as approved in FI workplan. P. 1 extent of contamination will be based on well location(s) changed from approved FI workplan.	10/1/2008	2	
EQ1	AMEC Documents	2008-10-01 Letter to ADEQ - request for approval of well location (2 of 2) [well location map].pdf	Map of proposed additional monitoring well locations in alluvial aquifer.	Y	Sample locations and analytical results posted on map.	10/1/2008	1	
EQ1	AMEC Documents	2008-10-13 Draft Interim Facility Investigation Report.pdf	Draft Interim FI Report, submitted to ADEQ from Geomatrix (PRP contractor).	Y	Pp. 9-17 maps documenting analytical results and contaminants with levels exceeding soil and groundwater screening levels. Pp. 25-27, 29, 32-43, 45-48, 51-53, 56-58, 62-64, and 68-70 tables documenting analytical results and contaminants with levels exceeding soil and groundwater screening levels.	***************************************	73	
EQ1	AMEC Documents	2009-02-24 AMEC Facility Investigation Report.pdf	FI Report; documents contamination of soil and groundwater with VOCs, SVOCs, pesticides, herbicides, and arsenic. The drum vault had drums in poor condition and crushed, and some containing unknown material. The vault was resealed and left. Soil and water samples collected in vault documented contaminants of concern.	Y	Pp. 25-30, 53-71, 82-85, 87-89, 91-94, 96-108, and 110-125 groundwater and soil contamination above screening and/or regulatory levels documented for 1,2-DCA, 1.2 DCB, dinoseb, 4-chloraniline, toluene, and acetone.	2/24/2009	351	
EQ1	AMEC Documents	2009-04-21 Meeting minutes.doc	Minutes from meeting with ADEQ and Exxon, Helena Chemical, and Ensafe to discuss ADEQ comments to FI Report.	Y	P. 1 minutes include statement about purchase of site not going through. Pp. 1-2 include disagreements about scope of evacuation.	4/21/2009	2	
EQ1	AMEC Documents	2009-04-21 sign in sheet.pdf	Sign-in sheet for 4/21/2009 meeting	Y	List verifies attendees of meeting cited in above entry (2009-04-21 Meeting minutes.doc).	4/21/2009	1	
EQ1	AMEC Documents	2009-04-22 Letter to AMEC - comments on FI Report.pdf	ADEQ review of FI Report cites deficiencies and/or concerns, including improper location of wells on map, not including all potential sources of contamination, and inconsistencies between report narrative and table analytical results. ADEQ requests response to each item.	Y	P. 1 documents that FI Report as submitted to State, is not final, and will be amended/changed.	4/22/2009	2	

ADEQ1	AMEC Documents	Replacement pages for FI Report.pdf	Amec response to ADEQ comments to FI Report. The FI Report was revised to address ADEQ's comments, and amended and new pages are attached for ADEQ's approval.	Y	Pp. 1-2 show data on perched aquifer. P. 21 shows corrected text. P. 24 shows revised well locations.	5/29/2009	24		
ADEQ1	AMEC Documents	2009-06-04 Letter to AMEC - approval of FI Report and request for change pages.pdf	ADEQ review and approval of Amec's revisions to FI Report.	Υ	P. 1 documents that revised FI Report data supersedes original FI Report data.	6/4/2009	3		
ADEQ1	AMEC Documents	2009-06-16 Letter to ADEQ - submittal of change pages for FI Report.pdf	Amec final response to comments and submittal of revised FI Report pages.	Υ	Pp. 4-26 Revised pages were intended to replace original pages; a full revised report, with a new date, and new cover page, was not generated. Documents that the FI Report was amended after it was submitted.	6/16/2009	27		
ADEQ1	AMEC Documents	2009-08-11 Feasibility Study Report.pdf	FS Report, submitted to ExxonMobil and Helena Chemical, by AMEC Geomatrix.	Y	Pp. 9-10 document areas of contamination in soil and groundwater. Pp. 42-44 figures indicate samples collected that exceed screening levels. Pp. 15-29 outline remedies. P. 30 outlines RD.	8/11/2009	155		
ADEQ1	AMEC Documents	2009-08-26 Memo to Cindy - comments on FS Report.doc	ADEQ internal memo, review of FS Report, found inadequate in proposed drum characterization, drum vault cleaning, and confirmation sampling,	Y	Documents changes will be made to site characterization outlined in FS Report.	8/26/2009	1		
ADEQ1	AMEC Documents	2009-09-10 Meeting Minutes.doc	Minutes of conference call between ADEQ and PRPs to discuss comments to the FS Report.	Υ	Cites inadequacies in FS, which will require changes.	9/10/2009	1		
ADEQ1			Meeting between ADEQ and PRPs re ADEQ comments to FS.	Y	Includes sign in sheet of attendees, detailed write-up of ADEQ comments to FS, and handwritten notes. Pp. 2-3 document inadequacies in FS.	9/30/2009	3		
ADEQ1	AMEC Documents	Response to Comments.pdf	Amec Geomatrix Response to ADEQ Comments to FS Report. Dismisses some ADEQ comments as not feasible or outside scope.	Υ	All 8 pages relevant. Precedes ADEQ's response to Amec Geomatrix below (2009-10-28 Letter to AMEC - Response to Feasibility Study.pdf), detailing specifics of Amec's proposed actions, which ADEQ stated to be in conflict with EPA and State guidance and policy.	************	8		
ADEQ1	AMEC Documents	Feasibility Study .pdf	Certified mail letter from ADEQ to Amec Geomatrix, re Amec's response to ADEQ comments to FS. Specific ADEQ concerns in areas of institutional controls and remedial technology for groundwater contamination, establishing soil clean up levels, inclusion of arsenic in contaminants of concern, recommendations in conflict with EPA and State guidance and policy.	Y	Pp. 1-2 cite contaminants of concern and concentrations, and establish additional criteria for FS.	***************************************	4		
ADEQ1	AMEC Documents		Revised FS Report, submitted to ExxonMobil and Helena Chemical, by AMEC Geomatrix. Revised to address ADEQ comments in letters dated 9/10/2009 and 10/28/2009.	Υ	Pp. 9-11 document areas of contamination in soil and groundwater. Pp. 75-78 figures indicate samples collected that exceed screening levels. Pp. 15-68 outline remedy and cost alternatives.	************	217		
	ADEQ and EPA Documents		Proposed draft CAO from ADPC&E to counsel for Cedar Chemical Corp. Agreement to remove buried drums and conduct closure of burial area, and develop and implement Fl workplan. Unsigned.	Υ	Pp. 2-6 outline site work to be done and format for reporting.	6/6/1991	11		
ADEQ1	ADEQ and EPA Documents		CAO between ADPC&E and Cedar Chemical Corp. Agreement to remove buried drums and conduct closure of burial area, and develop and implement FI workplan. Signed.	Y	Pp. 1-6 outline site work to be done and format for reporting.	7/11/1991	12		
ADEQ1	ADEQ and EPA Documents	1993-06-01 communication.pdf	Conditional approval of RFI workplan from ADPC&E to Cedar Chemical Co. Conditions include: lab QA plan, investigate additional area of buried drums identified through State documents, requirement for AR	Υ	Pp. 3-8 lists conditions to be met, including groundwater sampling, quality assessment plan, and monitoring well installation, plugging and abandonment procedures.	6/1/1993	298		
	ADEQ and EPA Documents		Conceptual Site Model, submitted from EPA to ADEQ, Consolidates information about status of facility with respect to exposures to human health and migration of contaminated groundwater.	Y	Profiles, by media, pp. 17-72.	4/2/2003	89		
	ADEQ and EPA Documents	2003-04-02 figure extracted from CSM Report - (figure of boundaries of Site 3).pdf	Site map showing "sites 1-9."	Y	Map shows site features and layout. May help delineate extent of contamination.	4/2/2003	1		

	ADEQ and EPA Documents	2003-06-24 Appraisal of Equipment.pdf	Appraisal of machinery and equipment at site. Done by appraisal contractor for ADEQ.	Υ	fair market, and liquidation. Pp. 7-50 itemizes all site equipment, including waste storage and treatment items, and their locations. Provides insight into site operations and materials handled.	6/24/2003	70			
No. 1 (100 (100 (100 (100 (100 (100 (100 (ADEQ and EPA Documents	2003-11-15 EPA Removal Action Report.pdf	EPA Removal Action Report, prepared by Weston for EPA. Removal Action consisted of inventorying containerized chemicals onsite, conducting screening, and preparing materials for offsite disposal. Appendices, containing laboratory results of materials removed, are not attached.	Y	Pp. 12-13 summarizes removal of calcium chloride and other products. Pp. 14-22 lists manifests and some specifics on removed substances.	***************************************	25			
	DEQ and EPA Documents	2004-04 ADEQ Comprehensive Site Assessment.pdf	Comprehensive Site Assessment prepared under Brownfield Program, for ADEQ.	Y	Pp. 4 and 8 conclude that site is suitable for industrial use only, and would result in continued stormwater and groundwater contamination until remediated. Pp. 38-41 list contaminants of potential concern in soil and sediment, cancer risk and reasonable maximum exposure. Document date is month and year only.	4/00/2004	42			
- 1	DEQ and EPA Documents	2006- ATSDR Health Consultation.pdf	Follow-up report on Farm Workers exposed to 1,2-DCA contaminated groundwater adjacent to site.	Y	P. 6 reports farm workers exposed to contaminated groundwater from site via offsite irrigation wells. Demonstrates offsite migration of 1,2-DCA in groundwater. P. 9 concludes that 1.2-DCA levels are below health comparison values and pose no apparent public health hazard.	6/16/2006	16			
	DEQ and EPA Documents	2006-01-17 Plan of Action for Removal.doc	Sequential order for remediation: dismantling, site asset auction, site demolition and debris removal, remedial action, O&M.	Y	P. 2 summarizes remedial action and O&M.	1/17/2006	2			
	DEQ and EPA Documents	2007-03-22 CAO LIS 07-027 (signed by the 3 PRPs).pdf	CAO between ADEQ and Ansel, Helena Chemical, and ExxonMobil Chemical to maintain interim measures (site security, maintenance, stormwater control), plan and implement SI and FS, and establish plan for preservation and custody of documents in possession of ADEQ. Signed.	Y	Pp. 4-5 give site history.	3/22/2007	16			
	DEQ and EPA Documents	2008-03-28 News Release.doc	News release from ADEQ to press/news reporting outlets that ADEQ and Ansel, Helena Chemical and ExxonMobil Chemical have entered into agreement for interim measures, and that ADEQ has asked for voluntary dismissal of lawsuit.	Y	Pp. 1-2 give concise ownership history. Date in title (document name column) is incorrect. Correct date of document is 3/28/2007.	3/28/2007	2			
	DEQ and EPA Documents	2010-02-24 Draft RADD (dated February 24, 2010).pdf	Draft RADD. Summarizes selected remedies and alternatives. Summarizes manifests with substances and quantities of wastes.	Y	Pp. 13-22 summarize 74 SWMUs and 3 AOCs. Pp. 23-24 summarize COCs in soil and groundwater, and those that that exceed health-based screening levels. Pp. 25-26 summarize human health and ecological risks. Pp. 40-42 summarize selected remedies and alternatives. Pp. 55-63 summarize manifests.	2/24/2010	70			
	DEQ and EPA Documents	2010-04-10 Cedar Lease Agreement.pdf	Lease agreement with option to purchase. Cedar Chemical Public Ownership Trust, Lessor; Quapaw Products, LLC, Lessee. Signed, but missing dates of lease term. Lessee will use property for wood products process and manufacturing facility.	Y	2011-04-27 Lease Agreement with option to Purchase.pdf is a duplicate of this document. This document has two pages numbered 13— one without signatures, one with signatures. P. 4 documents that wood products process and manufacturing facility leased site in 2010.	4/10/2010	14			
10.000000000000000000000000000000000000	DEQ and EPA Documents	2010-05-11 Letter to politicians - notice of lease agreement.pdf	Letters from ADEQ to: State Senators Crumbly and Malone and State Representative Hall, regarding lease agreement with option to purchase between ADEQ and Quapay, LLC, effective 4/27/2010.	Y	p. 1 establishes commencement date of 4/27/10 Lease Agreement for wood products process and manufacturing facility.	5/11/2010	4			
12	ADEQ and EPA Documents	2010-06-03 Final RADD.pdf	ADEQ Response to PRP Comments to Draft RADD, and Final Decision with attached Final RADD. Summarizes manifests with substances and quantities of wastes.	Υ	Pp. 68-77 summarize 74 SWMUs and 3 AOCs. Pp. 78-79 summarize COCs in soil and groundwater, and those that that exceed health-based screening levels. Pp. 80-81 summarize human health and ecological risks. Pp. 96-98 summarize selected remedies and alternatives. Pp. 111-119 summarize manifests.	6/3/2010	12	4		

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ADEQ1 ADEQ and EPA Documents	RADD			2010-02-24 Draft RADD (dated February 24, 2010).pdf	Draft Remedial Action Decision Document (RADD) issued by ADEQ for comments by public on site clean-up plans.	Y	Site produced variety of agricultural and organic chemicals, including insecticides, herbicides, polymers, & organic intermediates (page 8). Also mentioned as producing methoxychlor in 1970 and includes lists of chemicals produced at each of 6 production Units (page 8). Groundwater contaminants listed (pages 11 and 12). COCS listed for soil and GW (Tables 2A and 2B on pages 17 and 18). Removal action included inventory of chemicals removed from the site (Appendix A) which has a Chemicals/Manifest Summary with IL or AR manifest numbers, name of Transporter, but not Generator, and date range 08/14/2003-10/06/2003 (pages 54-62).	2/24/2010	67		
ADEQ1 ADEQ and EPA Documents	RADD			2010-03-18 AECOM comments on RADD.pdf	AECOM's review of RADD, with comments submitted to ADEQ on behalf of Tyco Fire Products LP, FKA Ansul, FKA Wormald. Comments included disputes of client participation and disagreements with earlier AECOM reports.	Y	References potentially useful earlier reports by AECOM: e.g., SI report, FFS report, FS report. Comments mention discrepancies between listed COCs and health-based standards (page 2).	3/18/2010	7		
ADEQ1 ADEQ and EPA Documents	RADD			2010-06-03 Final RADD.pdf	PDF file of Final Response to Comments & Final Decision on the RADD Document with attached final RADD. Includes comments from Harcros Chemical/Quapaw Products, and from Allan Gares on behalf of Helena Chemical Co.	Y	Final RADD includes input from Comments to finalize, adjust and add information for SWMUs, for what is generated at production Units 1-6, for the COCs for soils (using both health protective screening limits and groundwater protection screening levels, for COCs for on-site perched groundwater, for on-site alluvial groundwater and off-site alluvial groundwater. Appendix A, Chemicals/Manifest Summary unchanged.	6/3/2010	123		
ADEQ1 ADEQ and EPA Documents	RADD			2010-07-07 RADD vs FS.doc	Word document titled Explanation of Significant Differences ADEQ RADD vs. AMEC FS.	Y	Document describes different ways in which COCs can be defined. Included are comparisons of two soil remediation methods: in situ stabilization and soil vapor extraction (SVE) and a comparison of building demolition plans. Soil treatment included areas treated and cost. The justification for soil treatment was to reduce source of dinoseb to the perched aquifer. Keeping selected buildings was per stipulations in lease of site to Quapaw LLC.	7/7/2010	2		
ADEQ1 ADEQ and EPA Documents		2010-03-16 Documents requested by lawyers	AMEC	2008-05-27 Supplement to FI WP (Figure 1 - Pesticides in Soil and GW) .pdf	Figure 1: Map of groundwater and soil sampling locations and lab results for pesticides and herbicides in March 2008.	Y	Map locations are color-coded for various exceedences of the different analytes and from which groundwater horizon samples were collected, so both horizontal and vertical extents of contamination are shown.	5/27/2008	1		
ADEQ1 ADEQ and EPA Documents		2010-03-16 Documents requested by lawyers	AMEC	2008-05-27 Supplement to FI WP (Figure 2 - VOCs in Soil and GW).pdf	Figure 2: Map of groundwater and soil sampling locations and lab results for VOCs in March 2008.	Y	Map locations are color-coded for various exceedences of the different VOC analytes and from which groundwater horizon samples were collected, so both horizontal and vertical extents of contamination are shown.	5/27/2008	1		
ADEQ1 ADEQ and EPA Documents	A006/00/1999/1	2010-03-16 Documents requested by lawyers	AMEC	2008-05-27 Supplement to FI WP (Figure 3 - SVOCs in Soil and GW).pdf	Figure 3: Map of groundwater and soil sampling locations and lab results for VOCs in March 2008.	Y	Map locations are color-coded for various exceedences of the different SVOC analytes and from which groundwater horizon samples were collected, so both horizontal and vertical extents of contamination are shown	5/27/2008	1		
ADEQ1 ADEQ and EPA Documents		2010-03-16 Documents requested by lawyers	AMEC	2008-08-28 FI WP Supplement No. 2 - Installation of additional alluvial aquifer wells.pdf	AMEC GeoMatrix's letter to ADEQ on behalf of ExxonMobil Chemical Co. and Helena Chemical Co., proposed an additional well based on extent of contamination discovered during the Facility Investigation.	Υ	Data from the additional monitoring wells for the Facility Investigation have shown 1,2-DCA contamination of groundwater extending beyond site boundaries.	8/28/2008	2		

ADEQ and EPA Documents		2010-03-16 Documents requested by lawyers	AMEC	2008-10-13 Draft Interim Facility Investigation Report.pdf	Interim Facility Investigation (FI) Report submitted to the ADEQ by AMEC on behalf of ExxonMobil Chemical Co. and Helena Chemical Co.	Y	Report includes potentiometric maps of four different aquifer horizons; distribution maps of laboratory results for VOCs, SVOCs, herbicides/pesticides in soil and groundwater; chlorinated hydrocarbons in groundwater; and soil and groundwater results from the drum vault. The report also had a cross section of the site showing the subsurface. Tabulated data included two quarters of sampling, spring and summer 2008. The full report is to be submitted in January 2009.	***************************************	7/10/2008	73		
ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-02-24 AMEC Facility Investigation Report.pdf	Facility Investigation (FI) Report submitted to the ADEQ by AMEC on behalf of ExxonMobil Chemical Co. and Helena Chemical Co.	Y	Report identified long term COCs in soil and groundwater beyond site boundaries (page 10 11). Other findings included: confirmation that perched aquifer had low transmissivity; therefore, small role in spreading contaminants laterally (page 23). Alluvial aquifers sourced by perched, with groundwater gradient rather flat and to SE and SW (page 24). Transmissivity higher in Alluvial aquifer. Plotted / discussed horizontal and vertical extents of various VOCs and SVOCs in soils above regulatory standards; some pesticides; metal concentrations in soils generally low compared to background results. Groundwater: some VOCs, SVOCs, pesticides in perched aquifer above regulatory standards (page 27); similar in alluvial aquifer but lower concentrations suggesting perched is the source and clay impedes downward flow (page 29). Text, tables and maps show distribution laterally and with depth and comparison of historical and current data to define trends (page 31). Data analyzed statistically (pages 35-36). Report concluded much of "contaminant mass" is in soil of the perched zone (page 38). Comparison with CCR data showed marked decrease in some	2/24/2009	11/16/200 7- 11/07/200 8	351		
 ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-05-29 Letter to ADEQ - Replacement pages for FI Report.pdf	AMEC responses to ADEQ questions/issues on the FI Report.	Υ	Responses included sources of perched zone historic data and other historic data in Table 11 (pages 1 and 2); accurate locations of offsite wells (pages 2 and 3).	5/29/2009		24		
 ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-06-16 Letter to ADEQ - submittal of change pages for FI Report.pdf	AMEC's submittal of replacement pages to finalize the FI report	Y	Replacement Table 11 (historical data comparison) (pages 8-9), addition of COC trend plots of concentrations over time (pages 11-23), and revised figures 2 and 5 (pages 25 and 26).	6/16/2009	11/16/200 7- 11/07/200 8	27		
ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-12-15 AMEC Feasibility Study.pdf	Submittal of Revised Feasibility Study Report by AMEC on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, to ADEQ, as required under the CAO signed 03/22/2007, to address agency questions.	Y	Intent of report was to recommend a remedy to address elevated COCs identified on the site. Findings at the site relevant to choice of remedy included: (1) on-site analytic results for various COCs in soil (5 COCs above screening levels) (page 9), (2) physical parameters for perched aquifer (low hydraulic conductivity) (page 9); (3) physical parameters for alluvial aquifer (highly transmissive - 4 COCs above screening levels) (page 10), (4) source appears to be process and waste disposal area (page 10); (5) drum vault has elevated levels of various COCs (page 10); (6) some impact to off-site agricultural wells (page 10). Comparison with historic analytic data shows decline in concentrations of COCs (page 11). The recommended remedies are a combination of exposure control, source containment, natural attenuation, and active treatment (pages 58-59).	***************************************		217		

ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	Ansul	2009-03-30 Letter report to ADEQ - SI Report.pdf	Submittal of Letter Report titled Wormald Site Investigation Report, to ADEQ by AECOM on behalf of Tyco Safety Products; project objective was to investigate high levels of dinoseb at Site 3 obtained in 1996.	Y	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2009-03-30 Letter report to ADEQ - SI Report.pdf	3/30/2009		88		
	ADEQ and EPA Documents		2010-03-16 Documents requested by lawyers	Ansul	2009-06-29 Site 3 Focused Feasibility Study Report.pdf	Focused Feasibility Study Report Site 3, prepared by AECOM on behalf of Tyco Safety Products with emphasis on remediation of dinoseb-impacted sub- surface soils at Site 3.	Y	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2009-06-29 Site 3 Focused Feasibility Study Report.pdf (dinoseb in soil)		1996-2009			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		1990-06-15 Site Characterization WP.pdf	Site Characterization Work Plan on behalf of Cedar Chemical Corporation, which plans construction of a dichloroaniline plant.	Y	Project prompted by excavation, which found drum vault with 2-4,6 dinitrophenol. Drums reportedly buried around 1972 (page 5). Drum vault defined with magnetometer survey (pages 6-7); sampling planned (page 8). Documents provided do not include the actual Site Characterization report. Figure 2 (dated 1990) shows site with drum vault location, original tank farm area, stormwater pond and other features not on later site maps (page 24).	6/15/1990		94		
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		1991-10-15 Ensafe Facility Investigation Preliminary Report.pdf	Facility investigation Preliminary Report, prepared by Environmental & Safety Designs, Inc. for Cedar Chemical Corporation under a CAO issued by the ADPC&E (NKA ADEQ).	Y	Report provides picture of site while operating in 1991; five production units, a "biological treatment system," and closed surface impoundments (page 5). All hazardous materials/waste treated in "biological treatment system," and discharges under NPDES permit (page 7). Report describes basics of operations, size of operations (page 10), method of hazardous waste treatment and disposal off-site (page 10); transporters are listed (page 11). On-site disposal (preownership by Cedar Chemical, i.e., 1971-1973) in unlined earthen ponds. Wastes disposed of included those from off-site facilities. One pond used to neutralize acidic chemicals. Drums ("300) buried on-site by prior owner/operator in concrete vault; Cedar Chemical to remove same per CAO (page 12). Site had numerous SWMUS; (Figure 3.1, page 22) and was subject to several CAOs (pages 17-18). July 29, 1986 memo from contractor to EPA has site operations history and sampling results (pages 129-131).		1970- 10/15/199 1	169		
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		1992-04-15 Preliminary Facility Investigation Report.pdf	Facility Investigation Preliminary Report for Cedar Chemical Corporation by Environmental and Safety Designs, Inc.	Y	Expanded revised version of 10/15/1991 version. Pages somewhat out of order; Table 2-1 has processes by unit, including feed, product, and gaseous, liquid and solid waste streams (pages 17-22); Table 2-2 list hazardous wastes generated at the site (pages 25-27) and reportedly disposed of off-site. Exceptions were three on-site ponds, which received propionic acid wastes, Calcium chloride brine from an insecticide process, and sulphuric acid waste; one was used to neutralize acidic wastes with limestone. Wastes also from Helena Chemical off-site location up to 1976; no specifics available. Ponds were closed in 1978 with a claybentonite cap (page 25). Table 3.1 lists 74 SWMUs (pages 43-46). Has additional reports in App. D (starting on page 157).		1970- 4/15/1992	337		

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ADEQ1 ADEQ and EPA RADD Documents	2010-03-17 Document Request	1996-U6-28 Ensare H Report Volume I.par	Facility Investigation Volume I, prepared for Cedar Chemical Corporation by Environmental and Safety Designs, Inc.	Y	Only waste propionic acid, sodium hypochlorite scrubber liquor treated on-site "to remove corrosivity." Pre Cedar Chemical ownership, onsite disposal included waste water into unlined ponds from site and off-site activities, including propionic acid wastes, dichloroanilline, calcium chloride, sulfuric acid; ponds "closed" in 1978 also 3 drum disposal areas (pages 16-18). GWG S-SW -consistent between measurements but not similar to 1993 report (page 167). Conclusions (page 220-225) describes the "sites" w/in the Site. No index map showing locations of the 9 "sites."	6/28/1996		225		
ADEQ1 ADEQ and EPA Documents RADD	2010-03-17 Document Request	2007-11-16 Current Conditions Report (1 of 4).pdf	Submittal of Current Conditions Report (I of 4) by GeoMatrix to ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	Υ	Onsite soil profile includes thicknesses and soil types to explain movement of groundwater, lateral vs. vertical transmissivity (page 15); local hydro- geology describes onsite aquifers (page 17); brief process descriptions (page 19); quarterly GW monitoring started in 1988 (page 21); one disposal pond, Site 9, was where "off spec dinoseb" was disposed of (page 31); one or ore perched aquifers beneath surface impoundments; change size/shape based on surface water; contaminated from soil; alluvial aquifer show contamination beyond site boundaries (pages 41-42); existing waste areas: drum vault, dinoseb pond, surface impoundments (page 49). historical go and soils data from 1994 w/ exceedence shaded, per appropriate Region 6 MSSL (tables p. 53-177); ,	***************************************	12/20/199 4- 11/16/200 7	194		
ADEQ1 ADEQ and EPA Documents RADD	2010-03-17 Document Request	2007-11-16 Current Conditions Report (2 of 4) (Figures 2 - 14) .pdf	Conditions Report (2 of 4 - figures) by GeoMatrix to ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	Y	Figures include map and two cross-sections, and distribution of 5 COCs in perched and/or alluvial aquifers.	***********		12		
ADEQ1 ADEQ and EPA Documents RADD	2010-03-17 Document Request	2007-11-16 Current Conditions Report (3 of 4) (Figures 16 - 19) .pdf	Conditions Report (3 of 4 - figures) by GeoMatrix to ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	Y	Figures of distribution in soil of four COCs.	**********		4		
ADEQ1 ADEQ and EPA RADD Documents	2010-03-17 Document Request	2007-11-16 Current Conditions Report (4 of 4) (Figures 20 - 24) .pdf	Conditions Report (4 of 4 - figures) by GeoMatrix to ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	Y	Figures of distribution in soil of four additional COCs.			4		
ADEQ1 ADEQ and EPA Documents RADD	2010-03-17 Document Request	2009-12-15 AMEC Feasibility Study.pdf	Submittal of Revised Feasibility Study Report by AMEC to ADEQ to address agency questions on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	Y	Duplicate at ADEQ1/ADEQ and EPA Documents/RADD/2010-03-16 Documents requested by lawyers/AMEC/2009-12-15 AMEC Feasibility Study.pdf	#######################################		217		
ADEQ1 ADEQ and EPA RADD Documents	2010-04-07 FOIA Request Documents	1988-07-19 Hydrogeologic Study.pdf	Hydrogeologic Study of the site by Grubbs, Garner & Hoskyn, Inc. for Cedar Chemical Corporation	Y	Focus is on alluvial aquifer, approximately 25- 42 ft BGS. Transmissivity varies but generally higher than overlying tighter soils. Gradient very shallow and generally to south=west	7/19/1988		52		
ADEQ1 ADEQ and EPA Documents RADD	2010-04-07 FOIA Request Documents	A0006LN0.pdf	Submittal of Feasibility Study Report, revised by EnSafe, to ADPC&E to address agency questions on behalf of Cedar Chemical Company (report twice as long as earlier version, because back sides of pages scanned.)	Υ	Comments limited to new sections; App A Memo (dated 08/26/1992) re historical site operations based on testimony of former employees; in 07/19/1972 Ansul converted propanil facility to manufacture dinoseb; drum burial pits constructed 12/1992; inventory of chemicals on site as of 11/14/1972 attached.	9/15/1992		711		

	ADEQ and EPA Documents		2010-05-03 Document Request by Trip	2007-08-07 Well Assessment Report.pdf	Submittal of Well Assessment Report by EnSafe, Inc. for Helena Chemical Company per the CAO	Υ	Per 37 wills completed in either perched or alluvial aquifer, groundwater gradient (GWG) in the perched aquifer showed a radial pattern to the south and west with a variable gradient; GWG in the alluvial aquifer was to east-southeast and consistently at a very shallow gradient	8/7/2007		29		
	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip	2009-02-24 AMEC Facility Investigation Report.pdf	Facility Investigation (FI) Report submitted to the ADEQ on behalf of ExxonMobil Chemical Co. and Helena Chemical Co. by AMEC.	Υ	Duplicate at ADEQ1/ADEQ and EPA Documents/RADD/2010-03-16 Documents requested by lawyers/AMEC/2009-02-24 AMEC Facility Investigation Report.pdf	2/24/2009	11/16/200 7- 11/07/200 8	351		
	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip	2009-03-30 AECOM SI Report.pdf	Submittal of Letter Report titled Wormald Site Investigation Report, to ADEQ by AECOM on behalf of Tyco Safety Products; project objective was to investigate high levels of dinoseb at Site 3 obtained in 1996.	Y	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2009-03-30 Letter report to ADEQ - SI Report.pdf	3/30/2009	03/0/2009- 29/2009	88		
200100000000000000000000000000000000000	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip	2009-06-29 Site 3 Focused Feasibility Study Report.pdf	Focused Feasibility Study Report Site 3, prepared by AECOM on behalf of Tyco Safety Products with emphasis on remediation of dinoseb-impacted sub- surface soils at Site 3.	Υ	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2009-06-29 Site 3 Focused Feasibility Study Report.pdf (dinoseb in soil)	6/29/2009	1996-2009	196		
	ADEQ and EPA Documents		Administrative Record		Facility Investigation Volume I, prepared for Cedar Chemical Corporation by Environmental and Safety Designs, Inc.	Υ	Duplicate of ADEQ1/ADEQ and EPA Documents/RADD/2010-03-17 Document Request/1996-06-28 Ensafe FI Report Volume I.pdf	6/28/1996		225		
	ADEQ and EPA Documents	RADD	Administrative Record	2001-03-21 Ensafe Risk Assessment.pdf	Risk Assessment Report, prepared for Cedar Chemical Corporation by EnSafe, Inc.	Υ	Written while site operating. Manufactures various agricultural chemicals by batch processing; combination of chemical manufacture (e.g., propanil) + custom chemicals for client (none specified); 6 production units (page 23). "Chemicals of potential concern (COPC)" identified in surface and sub-surface soil and/or sediment at 7 of 8 sites (table pages 48-49). COPC in groundwater above screening levels at 6 of 8 sites (table pages 50).	3/21/2001		328		
	ADEQ and EPA Documents	RADD	Administrative Record	2003-11-15 EPA Removal Action Report.pdf	Removal Report, prepared for Cedar Chemical Corporation by Weston Solutions, Inc. for submittal to the Environmental Protection Agency	Υ	Project objectives included characterization of chemical wastes at the site; inventory in Appendix D not included; source of Manifest Summary table (pages 14-22).	#########	7/16/2003- 11/15/200 3	23		
	ADEQ and EPA Documents	RADD	Administrative Record	2007-03-22 CAO LIS 07-027 (signed by the 3 PRPs).pdf	Consent Administrative Order between ADEQ and Ansul, Helena chemical, ExxonMobil Chemical	Υ	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2007-03-22 CAO LIS 07-027 (signed by the 3 PRPs).pdf	3/22/2007		16		
	ADEQ and EPA Documents		Administrative Record	2007-08-07 Well Assessment Report.pdf	Submittal of Well Assessment Report by EnSafe, Inc. for Helena Chemical Company per the CAO	Y	Duplicate of ADEQ1/ADEQ and EPA Documents/RADD/2010-05-03 Document Request by Trip/2007-08-07 Well Assessment Report.pdf	8/7/2007		29		
	ADEQ and EPA Documents	RADD	Administrative Record	2009-06-29 Site 3 Focused Feasibility Study Report.pdf	Focused Feasibility Study Report Site 3 prepared by AECOM on behalf of Tyco Safety Product with emphasis on dinoseb.	Υ	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2009-06-29 Site 3 Focused Feasibility Study Report.pdf (dinoseb in soil)	6/29/2009	1996-2009	196		
	ADEQ and EPA Documents	RADD	Administrative Record	2009-12-15 AMEC Feasibility Study.pdf	Submittal of Revised Feasibility Study Report by AMEC to ADEQ to address agency questions on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	Y	Duplicate at ADEQ1/ADEQ and EPA Documents/RADD/2010-03-16 Documents requested by lawyers/AMEC/2009-12-15 AMEC Feasibility Study.pdf	**********		217		
ADEQ 2	Ensafe Documents			1987-09-25 correspondence.pdf	Correspondence between Vertac Chemical/Cedar Chemical Company and AK Dept. of Pollution Control & Ecology (DPCE) primarily regarding permitting.	Y	pp 51-59 and pp 64-77: permit transfers from Vertac to Cedar Chemical identify customers, end products and volume/year; pp 8-43 and pp 99-135: 1984 and 1985 Environmental Summary forms by month; RCRA inspections; pp 213-217: groundwater monitoring lab analysis; pp. 257-422: removal action work plan for drums and soil removal.	9/25/1987	5/25/1983 - 10/30/199 1	422		

insafe Jocuments	1988 correspondence.pdf	Correspondence between Vertac Chemical/Cedar Chemical and DPCE primarily regarding compliance.	Y	pp 2-20: site soil sampling report and analysis; pp 42-57: 1987 Hazardous Waste report, includes waste generate; pp173-196: description of processes and generated waste since 1980; RCRA inspections; pp 302-324: Environmental Reports (daily) for various dates; pp 333-344 1985 Biennial Hazardous Waste Report; pp 394-403: Annual Hazardous Waste Report; pp 405-428: Permit Application includes customer names and products.	Various	7/2/1981 - 8/15/1988	439		
insafe Documents	1990 correspondence.pdf	Correspondence between Vertac Chemical/Cedar Chemical and DPCE primarily regarding compliance.	Y	p. 6: sampling data; pp 96-101: RCRA inspection; pp 102-103: correspondence concerning buried drums. Testing found propanil, a COC; p 110: memo re: soil sampling results, lists VOCs found; pp 119-137: Ecology & Environment soils sampling report, lists contaminants found; pp 157-177: RCRA Inspection Report; pp 178-183: groundwater sampling results, includes COCs; pp 227-231 groundwater sampling results; pp 235-246: groundwater sampling results, pp 275-280: Generator Activity Report, includes waste descriptions, including COCs; pp 327: groundwater sampling results, includes COCs; pp 333-335: letter regarding tank rupture and resulting fire on site; pp 344-351: RCRA Inspection Report; p 367: soil sampling results.	Various	8/23/1988 - 8/27/1990	393		
 insafe Documents	1990 report about vertac stuff.pdf	Process descriptions and diagrams, MSDSs, and sampling reports.	Y	pp 2-34 report on Permethrin. pp 69-81: list of chemicals used by Cedar Chemical. p 111: groundwater sampling results, includes COCs. pp 123-125: MSDS for Aromasol, which containes Isomeric Trimethyl Benzene, a COC p 141-157: process descriptions and diagrams for products, which contain COCs. p 219: list of pesticides and herbicides. pp 221-232: process description and diagrams for Propanil herbicide. pp 280-283: process description and diagram for Permethrin, which contains COCs. pp 312-338 soil sampling report and results.	Various	9/29/1981 - 12/7/1989	339		
insafe Documents	1991-10-15 Ensafe Facility Investigation Preliminary Report .pdf	Facility Investigation Preliminary Report by Environmental & Safety Designx, Inc. (EnSafe)	Y	pp 135-142: Inorganic and Organic Soil Analysis Summaries; pp 149-151: Concentrations of Contaminants in Soil; pp 168-169: Monitoring Well Analysis Report.	***********	***************************************	169		
insafe Documents	1992-04-05 Lab Data on Pits 1 & 2 (includes Appendices A & D).pdf	Lab Analysis Reports	Y	pp 3-93 lab analysis reports, which include COCs; pp 94-118: Report of Remedial Action Activities, Phase II Removal of Additional Buried Drums and Contaminated Soil.	4/5/1992	3/1/1992 - 4/24/1992	118		
insafe Documents	1992-04-15 Preliminary Facility Investigation Report.pdf	Facility Investigation Preliminary Report by EnSafe	Y	pp 17-22: process descriptions, include process streams and waste streams that contain COCs; pp 42-52: waste analytical data, includes COCs; pp159-176: soil sampling results memorandum, includes COCs; pp 179-307 Surface Impoundment Sampling and Analysis Report, includes COCs; pp 318-337: groundwater data, includes COCs.	4/15/1992	4/15/1992	337		

ADEQ 2	Ensafe	1993 correspondence.pdf	Correspondence between DCPE and Cedar Chemical	Υ	p 11: list of violations from 11/90 to 5/92;	Various	9/10/1990 -	411	ĺ	
	Documents		regarding compliance		pp193-221: 1991 Annual Hazardous Waste		6/1/1993		í	
					Form, contains COCs; pp 256-258: Dinoseb		2.0		í	
					hazardous waste manifests; pp 287-288:				í	
					Notification of Hazardous Waste Activity				ĺ	
									ĺ	
					form, includes waste codes without				í	
					descriptions; pp 301-302: Dinoseb hazardous				í	
					waste manifests; pp 383-392: Consent				í	
					Administrative Order.					
ADEQ 2	Ensafe	1993-06-01 correspondence.pdf	Correspondence between DCPE and Cedar Chemical	Υ	This is a duplicate scan of the file "1993	6/1/1993	9/10/1990 -	526	ĺ	
	Documents		regarding compliance		Correspondence." The page count is different		6/1/1993		í	
					because in this version some pages were				í	
					scanned double-sided (the second page is				í	
					blank).				ĺ	
ADEQ 2	Ensafe	1993-11-15 correspondence.pdf	Correspondence between DCPE and Cedar Chemical	Υ	pp 14-23: PDCB analysis; p 138: sampling	########		210		
ADLQZ	Documents	1555 II 15 correspondence.pur	regarding compliance	l '	analysis results, includes COSs; p 157:Products			210	ĺ	
	Documents		regarding compilance						(L	
					Believed to Be Produced in Commercial				l L	
					Quantities at West Helena Site from 1970-				(L	
					1986, includes COCs; pp 159 -161: DPCE				í	
					memorandum concerning process methods				(L	
					and contamination at the facility.					
ADEQ 2	Ensafe	1993-12-16 Technical Memorandum.pdf,	Technical Memorandum Prepared by EnSafe	Υ	Technical Memorandum prepared by	#########	#########	288	ĺ	
	Documents				Environmental and Safety Designs, Inc.,				ĺ	
	110-110-110-110-110-110-110-110-1				Subject: Investigation Summary and Analytical				ĺ	
					Results.				í	
ADEQ 2	Ensafe	1994-06-21 Phase II Facility Investigation	Phase II Facility Investigation Work Plan Prepared by	Y	The Work Plan discusses results of the Phase I	6/21/1994	6/21/1994	83		
MOLQL	Documents	WP.pdf	EnSafe		Investigation throughout.	0,21,155	0,21,155	00	ĺ	
ADEQ 2			Facility Investigation Report Volume I Prepared by	Y	Report includes results of soil and water	6/28/1996	6/28/1996	225		
ADLQZ	Documents	1550-00-28 Chisale i i Report Volume i pui	EnSafe		sampling analysis; pp 89-159: Phase I and	0/28/1330	0/28/1330	223	í	
	Documents		Ensare						í	
					Phase II soil and sediment data; pp161-218:				ĺ	
					Phase I and Phase II groundwater data; pp				í	
					220-225: conclusions.					
ADEQ 2		1996-06-28 Ensafe FI Report Volume	Facility Investigation Report Volume II Prepared by	Y	pp 173-553: Phase I, Phase II and Phase III	6/28/1996	6/28/1996	554	ĺ	
	Documents	II.pdf	EnSafe		sampling data by COC					
ADEQ 2	Ensafe	1996-07-06 quarterly gw monitoring	Quarterly Groundwater Monitoring Report prepared	Υ	p 20: Baseline Groundwater Sampling Results,	7/6/1996	7/6/1996	39	í	
	Documents	report.pdf	by EnSafe		includes COCs; pp 24-39: analytical data,				í	
			II. We redept to be a second of the second o		includes COCs				ĺ	
ADEQ 2	Ensafe	1999-10-08 Ensafe Risk Assessment	Risk Assessment Vol I, Prepared by EnSafe	Υ	pp 13-14: COCs listed by site by media; pp 40-	10/8/1999	10/8/1999	89		
	Documents	Volume I.pdf	A STATE OF THE PROPERTY OF THE		41 COCs and site locations for soil and		and the state of t	2000040004	(L	
					sediment; p 64: COC by site and media; pp 79-				(L	
					80: ditch sediment COC concentrations.				(L	
ADEQ 2	Ensafe	1999-10-08 Ensafe Risk Assessment	Risk Assessment Vol II, Prepared by EnSafe	Y	pp 5-40: tables showing concentrations and	10/8/1000	10/8/1999	620		
ADEQ 2	Documents	Volume II.pdf	nisk Assessment vorit, Prepared by Crisare	'	locations of COCs; pp 64-65: non-cancer	10/0/1999	10/0/1999	029	l L	
	Documents	volume II.par			11.				(L	
					toxicity data; pp 66-67: cancer toxicity data;				l L	
					pp172-440: Phase I, Phase II, and Phase III				(L	
					surface and subsurface soil and sediment				(L	
					sampling data; pp 441-540: Phase I, Phase II				(L	
					and Phase III groundwater sampling data.				<u> </u>	
ADEQ 2	Ensafe	2000-08-15 Response to NODs and	Risk Assessment, Revision 1, Prepared by EnSafe and	Υ	pp 19-20: COCs identified for soil and	8/15/2000	8/15/2000	115		
	Documents	Ensafe Risk Assessment.pdf	Cedar Chemical's responses to Notice of Deficiencies		sediment; p 24: COCs by site and media; p 54;	0 10			(L	
			Jenes de la companya		COCs by site and media; pp 55-56: COCs				(L	
					exceeding site-specific soil screening levels; pp				(L	
					85-86: COCs by site and media; pp 101-102:				(L	
									(L	
				I	ditch sediment concentrations.				1	

ADEQ 2	Ensafe			2001-03-21 Ensafe Risk Assessment.pdf	Risk Assessment, Revision 2, prepared by EnSafe	Υ	pp 9-10: COCs identified in soil/sediment and	3/21/2001	3/21/2001	320		
	Documents			•			groundwater; p 15: COCs by site and media;					
	0. 500000000000						pp 40-41: COCs found in soil/sediment and					
							groundwater; p 42: COC concentrations					
							exceeding site-specific soil screening levels; pp					
							72: COCs by site and media; pp 90-91: ditch					
							sediment concentrations; pp 105-106:					
							summary of maximum contaminant levels; pp					
							107-108: site-specific soil screening levels; p					
							109: background concentration calculation for					
							inorganic compounds; pp 110-129: occurence					
							distribution and selection of COCs; pp 130-					
							143: medium-specific exposure point					
							concentration summary; p 144: estimated air					
							concentrations from irrigated water; pp 146-					
							154: reasonable maximum exposure of COCs;					
							pp 157-167: pathway-specific intake factors					
							for COCs; pp 168-174: non-cancer toxicity					
							data for COCs; pp 175-181: cancer toxicity					
							data for COCs; pp 182-249: calculations for					
							non-cancer and cancer risks reasonable					
							maximum exposure; pp 250-270: calculation					
							of non-cancer and cancer risks central					
							tendency exposure: pp 271-277: remedial goal					
							options; pp 280-295: central tendency intake					
							factor calculations; pp 298- : construction					
							worker risk evaluations.					
ADEQ 2	Ensafe			2001-06-07 GW monitoring report.pdf	Groundwater Monitoring Report prepared by EnSafe	Y	pp 15-17: groundwater sampling results, hits	6/7/2001	6/7/2001	50		
	Documents						only; p 19: comparison of 1,2					
							dichloroethaneconcentrations from July 1997					
							and April 2001; pp 22-50: groundwater					
							monitoring analytical data.					
ADEQ 2	Ensafe			2001-09-21 GW Monitoring Report.pdf	Groundwater Monitoring Report prepared by EnSafe	Y	pp 17-18: static water elevations and organic	9/21/2001	9/21/2001	65		
ADEQ 2				2001-03-21 GW WOULDING REPORT, par	or our awater with into ring neport prepared by Ensare	'		3/21/2001	3/21/2001	33		
	Documents						vapor concentrations table; pp 25-28:					
							groundwater sampling results, hits only; p 30:					
							comparison of 1,2 dichloroethane					
							concentrations from July 1997, April 2001 and					
							July 2001; pp 34-65: groundwater monitoring					
							analytical data.					
ADEQ 2	Ensafe			2002-01-22 Ensafe Risk Assessment	Draft Risk Assessment Addendum prepared by EnSafe	Υ	pp 22-25: analytical data; p 27: occurrence,	1/22/2002	1/22/2002	45		
	Documents			Addendum.pdf			distribution and selection of COCs; p 29:					
							inhalation-specific intake factor; pp 30-31:					
							non-cancer and cancer toxicity data; pp 32-37					
							non-cancer and cancer risk reasonable					
							maximum exposure; p 38: remedial goal					
							options; pp 40-45: air concentration					
							calculations.					
ADEQ 2	Miscellaneous			Operational History- miscellaneous.doc	Operational History	Υ	Provides historical information regarding	Undated	Undated	7		
							pesticide production and other operations at					
							the site, including owners and operators, from					
							1970 to July 2006					
ADEO 3	Miscellaneous	Contracts	Melanies	EPA Pol Rep.pdf	EPA Pollution Report, Continuation of Removal	Υ	Discusses removal of COCs at the site. Date	8/18/2003	7/16/03 -	2		
ADEQ 2	wiscendileous	Contracts	folder	EFA FOI Nep.pul	Activities	,	range is the POLREP reporting period	3/10/2003	8/15/03	_		
ADEO	Missella	Dischar		2006 01 26 Jak Bk- f!		v		1/26/2000		E10		
ADEQ 2	Miscellaneous		Security	2006-01-26 Lab Results from going to the	Certificates of Analysis	Υ	Includes sampling results for COCs	1/26/2006	1/26/2006	219		
		Logs, Reports,		river.rtf								
		e-mails										
_												
ADEQ1	ADEQ and EPA		Administrative	2004-04 ADEQ Comprehensive Site	(Revised) Comprehensive Site Assessment prepared for	Υ	Report prepared to inform potential future	4/00/2004		42		
	Documents		Record	Assessment.pdf	ADEQ Brownfields Program		owners/ operators. Site controlled by ADEQ					
							since 10/18/2002. Chemicals produced					
							(historically) listed by production unit					
							number; no process information included					
							(pages 15-16). List of hazardous					
							materials/wastes removed in 2003 included					
			 				(page 16).		# Pages	44444		
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